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B e d i e n u n g s -  
a n l e i t u n g  
M a n u a l e d i  
u t i l i z z a z i o n e  
U s e r  
m a n u a l  
M a n u a l  
d' u t i l i s a t i o n  
B e d i e n u n g s -  
a n l e i t u n g  
M a n u a l e d i  
u t i l i z z a z i o n e  
U s e r  
m a n u a l  
2 9 D U 7 8 N V

# THOMSON



# remote control functions

## PROGRAMME

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

## SOUND

Loudspeakers - Headphone - AV (Audiovisual).

## PICTURE

Picture - PIP - Format.

ELECTRONIC PROGRAMME GUIDE NextView -  
TELETEXT / TOPTXT / 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  
-  $\leftarrow$  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, 3 and VGA.

## MUTE

## STAND-BY

**BATTERIES :** Download from [www.St manuals.com](http://www.St manuals.com). All Manuals Search And Download.

# remote control using

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 control 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

### CONNECTIONS AND COMMANDS

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Programme organiser - New region

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Programme number display - Time reference -  
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Digital Mastering - PIP - Format

#### SOUND ADJUSTMENTS

Loudspeakers - Headphone - AV

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Switching on/Selecting programmes - Browse

#### OTHER FUNCTIONS - EXTRAS

Clock - Child lock - Lock

#### CONNECTIONS

Units connected - Calling up audiovisual programmes

#### ELECTRONIC PROGRAMME GUIDE NextView

Calling up programme guide - To look up programs -  
Selecting programmes - Automatic start-up -  
Teletext access

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Subtitles - News flash

#### MANUAL PROGRAMMING

Norm - Decoder - Channel/Cable - Programme - Fine  
Tuning - Station name - Store/Erase - Access to the  
organiser.

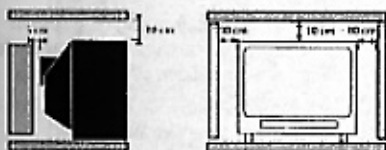
#### VGA

Computer connections - Picture - Format - PIP -  
VGA - Loudspeakers

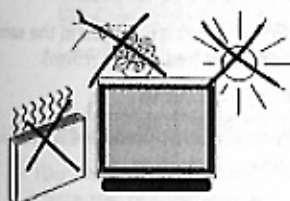
# television set safety precautions

## SAFE USE OF THE EQUIPMENT

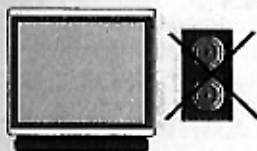
### 1. TO TURN ON



LEAVE ROOM FOR VENTILATION



AVOID HEAT, WATER, DIRECT  
SUNLIGHT.



Do not place audio loudspeakers near to television. The magnets in the speakers could cause patches of colour to appear on the screen.

### 2. CARE OF THE EQUIPMENT

The screen should be cleaned with liquid glass cleaner.

- Never use abrasive cleaners.
- To clean the front and the cabinet of your equipment use a soft cloth dipped in mild detergent. The use of strong solvents such as white spirits or alcohol based products could damage your equipment.
- Clean the vents on the rear panel of your set regularly.

### 3. DEMAGNETISATION

The earth's magnetic field may have an effect on your television by causing patches of colour to appear on the screen. If this happens :

- Switch off the television with the on-off button ;
- Wait a few minutes and then press again to switch on.

This allows the screen to be demagnetised automatically. If patches of colour are still visible repeat the procedure.



The pages of this publication are printed on recycled paper.

To ensure your personal safety and the efficient operation of your equipment, please follow the advice given below :

Television sets need ventilation to avoid overheating which can cause damage to the components. The ventilation slots at the back of the set should not be covered up by curtains, small covers, newspapers, etc... There must be enough room in built-in cabinets to allow for the cooling air to circulate. The set should not be placed directly next to heating.

This appliance is designed for use in dry areas. If occasionally you should wish to operate it outdoors (for example, on the balcony or veranda), you must insure that it is protected against all forms of moisture (dew, rain, splashed water).

A cold set may be switched on in a warm room only after any condensation which may happen to be on the screen has evaporated. Never remove the cabinet back. Have your aerial installed by an authorised dealer or service technician.

In the evenings, after the TV programmes, or in case of a prolonged absence, it is recommended that the appliance be switched off using the main power switch. Even if the ON/OFF switch is in OFF position the television set is not completely separated from the mains. In order to separate it completely from the mains, it has to be disconnected by unplugging the mains plug. Remove the power plug from the wall outlet under the following conditions :

1. During a thunderstorm. It is also recommended that you disconnect the aerial plug.
2. If you find a burning smell or smoke emerging from the set.

Additional information :

Your TV set is adequately shielded to prevent emission of X-rays. The acceleration voltage does not exceed the maximum value of 33 kV.

Work by non-qualified technicians, modification of the high voltage setting or the replacement of the tube with a model that does not comply with the manufacturer's specifications may lead to a considerable increase in X-ray radiation.

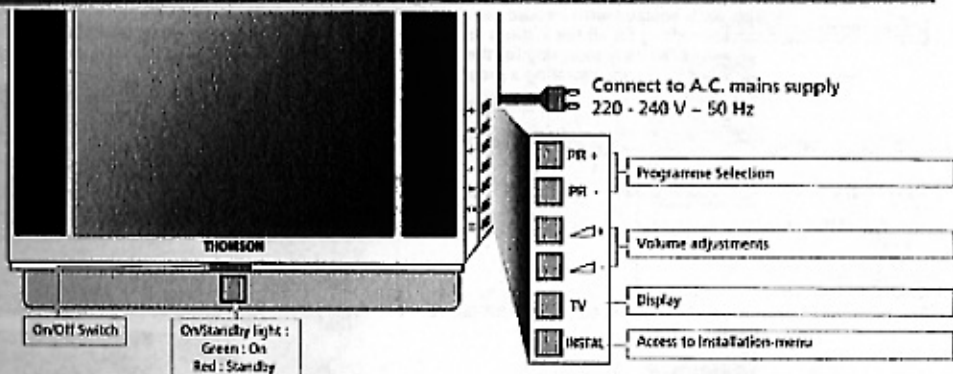
A set changed in any of the above ways no longer satisfies the initial specifications and should not be put back into service.



# connections and commands

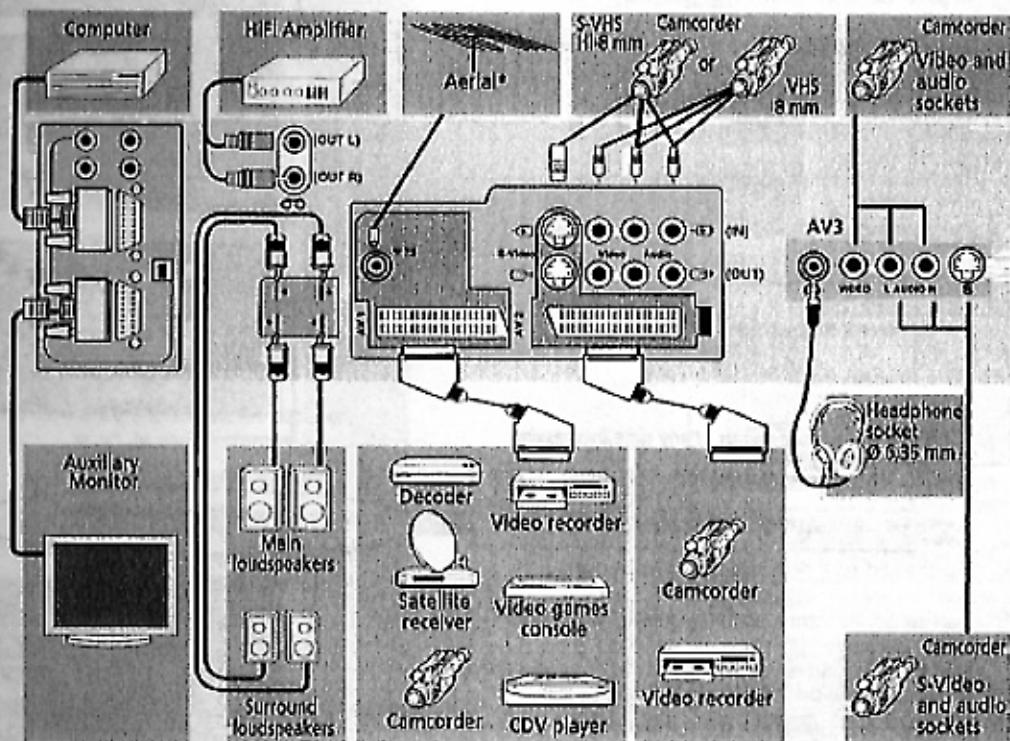
For further details,  
see page 22.

## ON THE FRONT AND AT THE RIGHT SIDE OF THE SET



## AT THE BACK AND THE LEFT SIDE OF THE SET

*You can connect a computer to your television set and use the TV screen as a monitor.  
Computer connections on page 33.*



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

# television set auto-programming

This set is equipped 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

Turn on the television set main power.

The WELCOME menu is displayed.

If it is not,

Press the **INSTAL** button on the television set control panel.

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

A list of countries appears (on two pages).

To go to the next or previous page, press

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

The menu which then appears permits the user to:

- start an automatic search,
- search for new channels,
- access channel organisation.

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

## AUTO - PROGRAMMING

For the first time or after a change of region :

start automatic channel search by pressing the button

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 **EXIT** key, this displays the channel management menu.

WELCOME  
BIENVENUE  
WILLKOMMEN  
BIENVENIDO  
BENVENUTO  
WELKOM

ENGLISH	Press	Key number
FRENCH	Appuyer	sur la touche
DUTCH	Drukken	op de toets
SPANISH	Pulsar	el número
ITALIANO	Premere	il tasto
SVENSKA	Tryck	knapp nummer
NEDERLANDS	Druk op	knop nummer

CHOOSE YOUR COUNTRY :

UK :	11
FRANCE :	12
GERMANY :	13
ITALY :	14
SPAIN :	15
PORTUGAL :	16
SWITZ :	17
AGORA :	18
Next page :	19

NETHERLANDS :	110
BEELGIUM :	120
LUXEMBOURG :	130
SWEDEN :	140
DENMARK :	150
IRELAND :	160
NORWAY :	170
DINERS :	180
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## AERIAL INSTALLATION

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

- 1 | Search successful installation
- 2 | Update the current installation
- 3 | Access to the organiser

0 → Z  
1

0 → Z  
1

Z → 0  
2

0 → Z  
3

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INSTAL

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## Programme Organiser

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

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

• **IF YES** = press briefly

the menu disappears and is replaced by the picture of the programme selected.

• **IF NO** = you make changes as follows

### - The programme number

Select the programme number to be changed.

Bring the cursor to the new programme number.

! You may also use the number buttons 0 to 9.

Confirm the change (green button).

### - The station name

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	

Select the country you require.

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

Confirm the selection (green button).

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

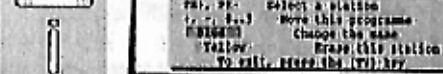
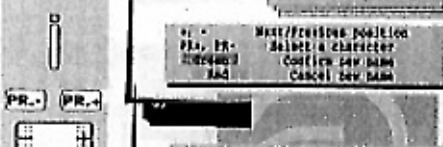
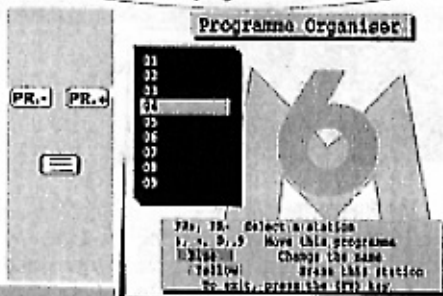
! You have 6 characters to enter a station name

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

Select the first character of the new name.

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.

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












# installation 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

SETUP



## Programme number display

Select the Programme Display line (yellow key).

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



## Time reference

The internal television clock must be set at the correct time.  
Select the Time reference line (yellow button)

Select a program which broadcasts teletext.  
The time and date are then displayed under the Time reference line.

The internal clock is automatically synchronised when the television is switched on using the on/off switch.

**!** The IR download line has no effect on your TV set.

## 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

### PREFERENCES

SETUP



## 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.

### PREFERENCES

SET-UP







# television set picture adjustments

You may adjust the picture settings at any times.

## PICTURE

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, Contrast and Sharpness.

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

## Contrast expand

Select the Contrast expand line (green key).

Decrease or increase the level of black compared to white.

**Low** : standard picture  
**Medium** : increasing the white  
**High** : increasing the white and the black

## INR

Select the INR line (green button).

Select the required option.

**!** The INR (Intelligent Noise Reduction) System automatically reduces the image noise according to the quality of reception.

## Digital Mastering

Select the Digital Mastering line (green key).

Select the option required.

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



This process eliminates TV image flicker effect. Moreover, Digital Mastering further reduces the line flickering effect to improve image clarity. The images are clearer, more stable, and cause less strain on the eyes.

## PICTURE PIP FORM



Brightness  
Colour  
Contrast  
Sharpness  
Contrast expand (-) Medium (+)  
INR off ON  
Digital Mastering off ON



Brightness  
Colour  
Contrast  
Sharpness  
Contrast expand (-) Medium (+)  
INR off ON  
Digital Mastering off ON



Brightness  
Colour  
Contrast  
Sharpness  
Contrast expand (-) Medium (+)  
INR off ON  
Digital Mastering off ON

## PICTURE PIP FORM



Brightness  
Colour  
Contrast  
Sharpness  
Contrast expand (-) Medium (+)  
INR off ON  
Digital Mastering off ON

## PICTURE PIP FORM



Brightness  
Colour  
Contrast  
Sharpness  
Contrast expand (-) Medium (+)  
INR off ON  
Digital Mastering off ON

## PICTURE PIP FORM



Brightness  
Colour  
Contrast  
Sharpness  
Contrast expand (-) Medium (+)  
INR off ON  
Digital Mastering off ON



# Television set picture adjustments

## PIP (Picture in picture)

Gives you several possibilities  
for programmes inlays.

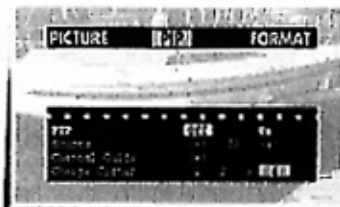
You use this function to :

- inlay in one of the corners of the screen (PIP) :
  - images from the input connectors (AV1, AV2, AV3 or RGB), while viewing a channel ;
  - or one of the channels or other AV programmes, 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 PIP.

The PIP menu appears.



## Image inlay (PIP)

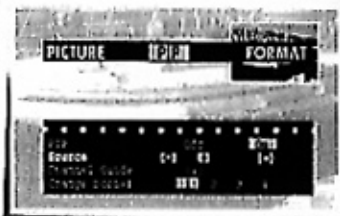
Use the green button to select the PIP line.

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.

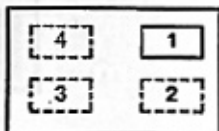
**!** *Picture in picture is in 4/3 or 16/9 format depending on the format of the AV image.*



## Inlaid image position

Use the green button to select the Change Corner line.

Select position 1, 2, 3 or 4.




Press to erase the menu.



# television set

## picture adjustments

### Picture swap

Press the  button,

to swap the image being viewed and the PIP image.

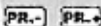


### Scanning all inlaid image programmes

Select an AV image on the screen.



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



Press a long time to remove the PIP.



### MOBIO

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.



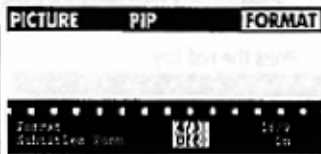
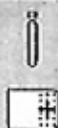
# television set picture adjustments

## FORMAT

Press the green button once  
To select the Contents line.

Select **FORMAT**.

The following menu is displayed.



## FORMAT

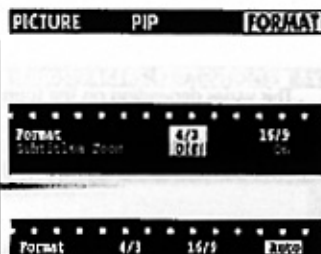
Select the Format line (green key).

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

*The Subtitles Zoom line only appears 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.*



## Subtitles Zoom

Select the Subtitles Zoom line (green key).

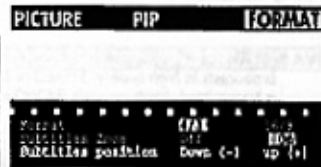
You may select **Off** : programme without subtitles.  
**On** : subtitled programmes.

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.






# television set

## sound adjustments

### LOUDSPEAKERS

Press the red key.

The Sound 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 (red key).

This varies depending on the sound type received:

SOUND MONO/STEREO/NICAM\*

SOUND DUAL (2 languages)

SOUND NICAM 3\*

SOUND AV

Select the required sound for the loudspeakers.

**!** AUTO/STEREO position enables you obtain MONO sound for mono broadcasts and STEREO for stereo broadcasts.

\* NICAM is a digital sound transmission system, it enables you to receive broadcasts in high quality STEREO or DUAL SOUND. Analogue MONO sound is transmitted simultaneously (MONO in NICAM STEREO or SOUND 3 in NICAM 3).

### Effect

Select the Effect line (red key).

Select:

- Normal** = normal sound
- Wide** = stereo-effect sound for mono broadcasts  
wide stereo sound for stereo broadcasts.

### LOUDSPEAKERS HEADPHONES A

Sound **AUTO/STEREO** Mono  
Effect **Normal** Wide  
Balance **0000**  
Bass **0000**  
Treble **0000**

Sound **AUTO/STEREO** Mono  
Effect **Normal** Wide  
Balance **0000**  
Bass **0000**  
Treble **0000**

Sound **AUTO/STEREO** Mono

Sound **Sound 3** Stereo 3

Sound **Sound 1** Stereo 2

Sound **Ctereo** Stereo 3

### LOUDSPEAKERS HEADPHONES A

Sound **AUTO/STEREO** Mono  
Effect **Normal** Wide  
Balance **0000**  
Bass **0000**  
Treble **0000**

# sound adjustments

## Balance

Select the Balance line (red key).

Balance the sound between the left and right channels.



Repeat the same procedure to select and successively adjust the Bass and Treble.



## 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 .*

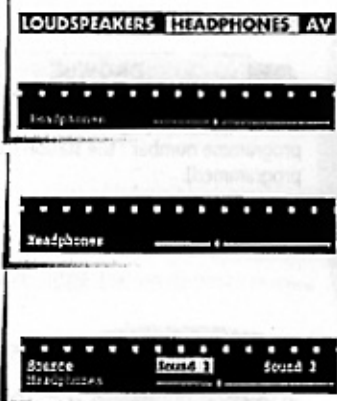
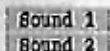
Select the Headphones line (red key).

You can then adjust the volume for the headphone.  
This operation also sets the output level of the HiFi jacks (CINCH).

*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  
or





## 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 selected  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.



# 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.

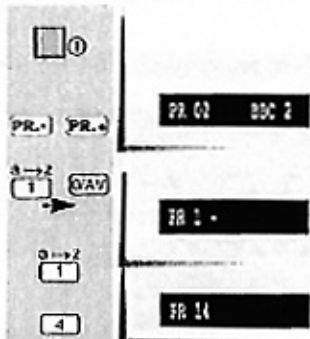
For the programmes 1 to 9 :

Press the corresponding number briefly.

For programmes 10 to 99 :

Hold on to display the tens.

Press briefly to display the units.




### 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.

To select the directory page displayed.

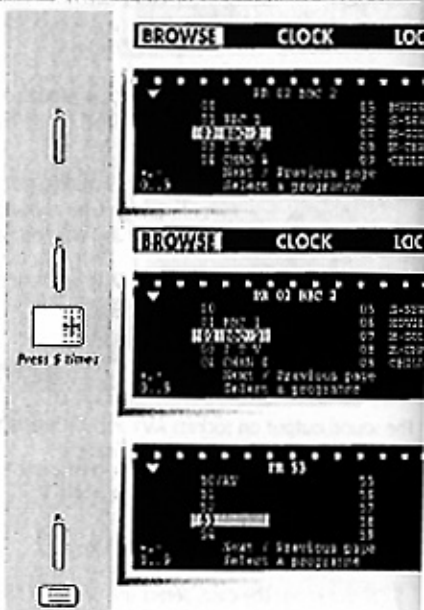
To select the other pages, press repeatedly.  
Example : Page 6 (programmes 50 to 59)

 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.



### Volume

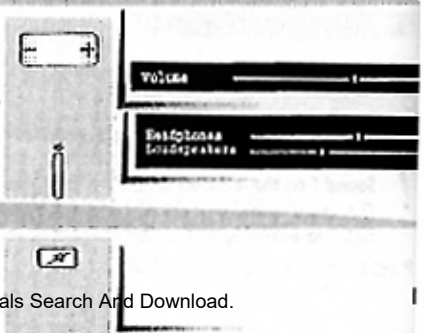
Set the volume as desired.

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

Select the line you wish to adjust.

### Sound mute

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





# day to day operation

## RETURN TO PREFERRED SETTINGS

Press briefly to return to personal adjustments (PREFERENCES menu)



## DISPLAY/ZAPPING

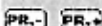
Displays details of the station being watched (programme name and number, time).  
If an Electronic Programme Guide is broadcast, the title of the programme currently showing is also displayed.



Zoom 1 11 : 35

PR 05 MOVIES

Press repeatedly to scroll through the programmes.



## 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.

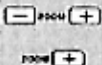
Press the key.  
The previously viewed programme is selected.



## ZOOM

Press to enlarge or reduce the picture.

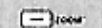
Zoom 0 → Zoom 1 → Zoom 2 → Zoom 3  
(4/3) (Wide) (Subtitle) (Super Wide)



Last programme viewed

Zoom 0 ← Zoom 1 ← Zoom 2 ← Zoom 3

Zoom 2: image enlarged and moved up for easier reading of subtitles.



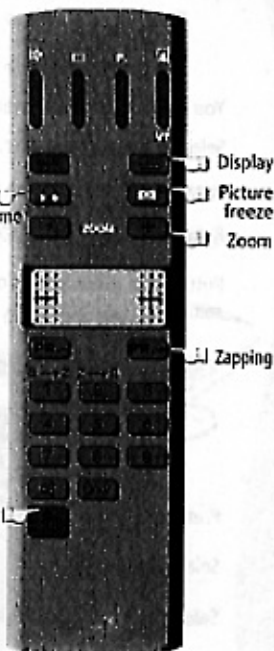
## STAND-BY

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



## AUTOMATIC STOP

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



# television set

## other functions - extras

### CLOCK

Select **CLOCK**

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

### Sleep-timer

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

Set the time in steps of 15 minutes (up to 4 hours).

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

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.

Press repeatedly to return to : - : -

Remove the menu from the screen.

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.

Press briefly on the key.

Select the **CLOCK** menu.

Select the **Wake-up time** line (yellow key).

The first figure flashes.

BROWSE **CLOCK** LOCK

▼ Sleep-timer (+/-) 1 : - -

▼ Sleep-timer (+/-) 1 : - -

▼ Sleep-timer (+/-) 2 : 3 5

▼ Sleep-timer (+/-) 2 : 0 2

▼ Sleep-timer (+/-) 1 : 1 5

▼ Sleep-timer (+/-) 1 : - -

BROWSE **CLOCK** LOCK

▼ Sleep-timer (+/-) 1 : - -

▲ Wake-up time 00:00  
Mode: Auto (On) Clock: Easy  
Program: 20:12  
Control: Auto 20:12

# television set other functions - extra

To set the clock to the right time.

Enter the Wake-up time using 24 hour format.

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

**!** 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.

Turn the television set on to standby, it is now on a child safety lock (see below).

It will turn on automatically at the time programmed and turn off one hour after. During this time, the button panel on the television set is inoperative, with the exception of the volume and buttons.

If the set is switched on before the alarm function is activated, 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.



BROWSE CLOCK LOCK

▲ Wake-up time 06:45

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

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

## 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 turned off at the mains and a sleep timer command is programmed;
- when a wake-up command is programmed, via the ALARM menu or the NextView programs electronic guide.
- 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 television can only be switched on again by pressing the digital buttons, and on the remote control.



# television set

## other functions - extra

This function enables you, for example, to prevent your children from watching certain programmes by "locking" it so that the set cannot be switched on. The set can be "unlocked" with a PIN number

### LOCK

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

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

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

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

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.

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

*To cancel a safety lock, carry out the above operations by pressing «0000» under «Change your PIN number».*

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

### Access the programme list

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

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

Select the programme you wish to Lock or Unlock :

BROWSE CLOCK LOCK

Enter your PIN number

Enter your PIN number

Enter your PIN number

Store your PIN number (+)

Enter your PIN number

Store your PIN number (+)

Change your PIN number

Access the programme list (+)

If your previous code has been divulged.

Change your PIN number

Access the programme list (+)

Change your PIN number

Store your PIN number (+)

Change your PIN number

Access the programme list (+)

Change your PIN number

Access the programme list (+)

BROWSE CLOCK LOCK

Change your PIN number

Access the programme list (+)

# other functions - extra


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 unlock a programme, all  
of the programmes which were locked are also unlocked.  
The lock will be re-activated after the set is turned off.

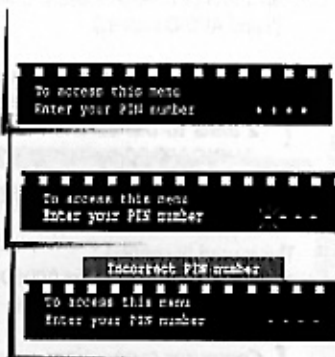
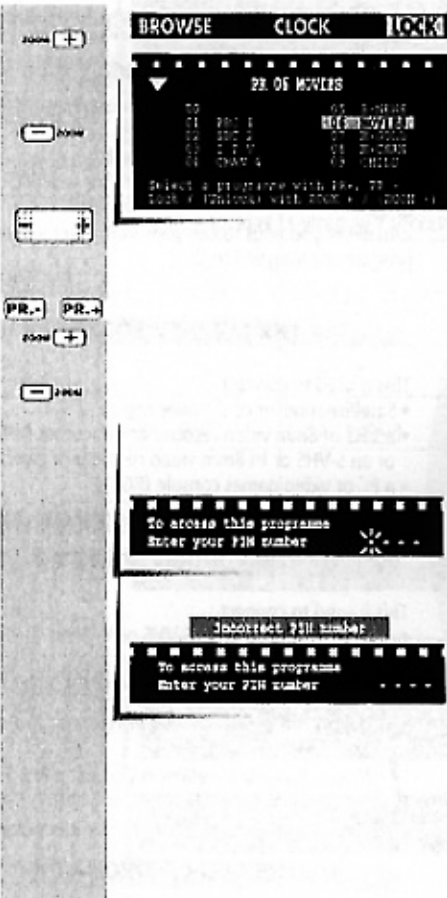
## ACCESS TO THE STATION TUNING MENUS

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.



# television set connections

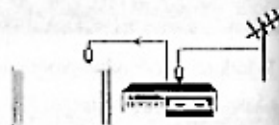
## VIDEO RECORDER CONNECTIONS

### VIA THE AERIAL SOCKET

To tune your TV into your VCR you should refer to Manual Programming (page 31).

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.

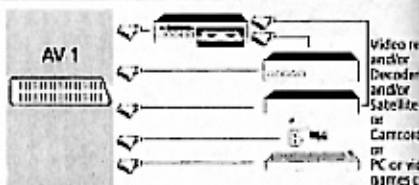
Whenever you wish to use your VCR, you must select the programme assigned to it.



### VIA THE EURO-AV SOCKET 1 (AV1)

This is used to connect :

- Satellite receiver or decoder
- a VHS or 8mm video recorder or camcorder (VIDEO) or an S-VHS or Hi-8mm video recorder or camcorder (S-VIDEO)
- a PC or video games console (RGB).



### 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.



*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.*

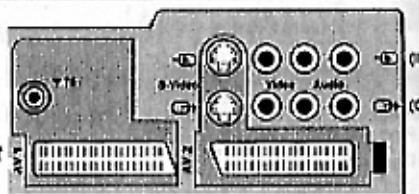
*You can also connect it to the decoder socket of the second VCR if the latter is fitted with one.*

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

This is used to connect :

- an S-VHS or Hi-8mm videorecorder (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.*

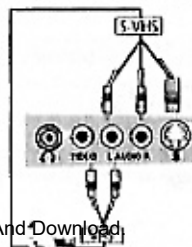


### VIA THE AUDIO/VIDEO/S-VIDEO SOCKETS (AV3)

This is used to connect :

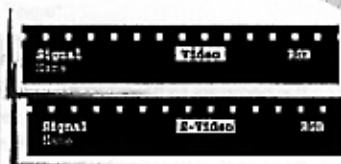
- a camcorder VHS or 8 mm (VIDEO)(VIDEO and AUDIO sockets)  
S-VHS or Hi 8 mm (S-VIDEO)(S and AUDIO sockets).

*Computer connections on page 33.*





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



## 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 (S-VIDEO)	VIDEO/S-VIDEO Call AV 3 (S-VIDEO)
Games console	Select RGB Call AV 1 (S-VIDEO)			

## Name

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

Select the Signal line (yellow key).

Check the type of signal or select as necessary.

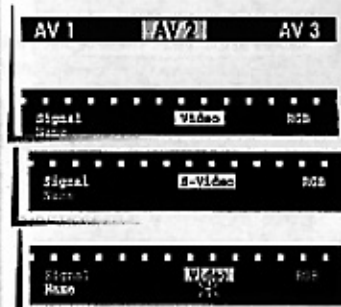
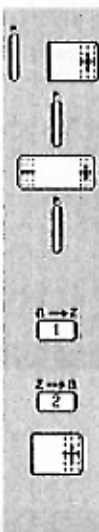
Select the Name line.  
The first dash flashes.

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

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

When the required character appears, go to next character.

To leave a space look for the blank character (between ? and A) or press briefly (S-VIDEO).



## 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 or AV2, when the VCR connected is in play back mode.  
When the VCR is stopped, the TV set returns to the station previously watched.

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

## 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.

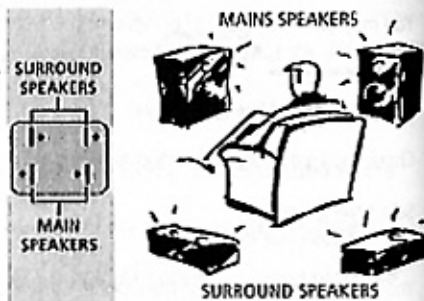
**!** During the copying of the tape, you can watch the station you are copying.

	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
	Camcorder	Audio/Video/S-Video (left side)	AV 3	Video recorder or Camcorder	Euro-AV 2 Audio/S-Video AV

## MAIN/SURROUND SPEAKERS CONNECTIONS

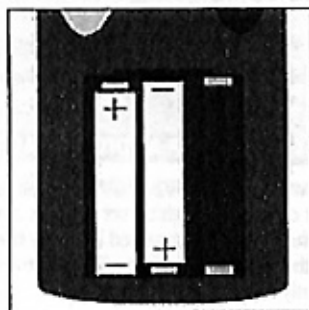
**MAIN SPEAKERS :** These replace the speakers in the TV set. The volume of the speakers is adjusted in the same way as for the set.

**SURROUND SPEAKERS :** These must be used in parallel with the set speakers in order to obtain the surround effect.



## FITTING BATTERIES

Remove the cover at the back of the remote control and insert 2 LR03 1.5V type batteries.



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

# television set electronic programme guide "NexTVView"

Your television set is equipped to receive an Electronic Programme Guide "NexTVView".

This easy-to-access service, offered by the major European television manufacturers and broadcasters allows you:

- To look up the programmes on the channel you are watching for a full week.
- To set up a list of programmes which you want to record or watch.
- turn on your television set automatically at the start of your chosen programme.

The Electronic Programme Guide "NexTVView" will be available in stages, as it is put into operation by the various channels.

## CALLING UP THE PROGRAMME GUIDE

Press the blue key lightly,  
The screen shown opposite appears.

When the Electronic Programme Guide "NexTVView" is displayed,  
the current broadcast is selected.

You can change channels by pressing  
the corresponding programme number.  
For example, for BBC 2, press key 2

If the Electronic Programme Guide "NexTVView" is not available,  
and only teletext is being transmitted, the message shown  
opposite appears.

If the Electronic Programme Guide "NexTVView" is not available  
and no teletext is being transmitted, the message shown  
opposite appears.

To go back to the TV picture, press the key

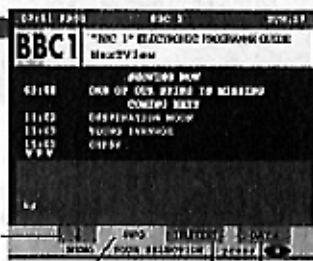
## TO LOOK UP PROGRAMS

To choose the next broadcast, press the green key  
(hold down to scroll through quickly).

To go back to the previous broadcast, press the red key  
(hold down to scroll through quickly).

The sign ▼▼▼ indicates that other information is available and  
displayed on the following pages.

The sign ▲▲▲ indicates that other information is available and  
displayed on the previous pages.



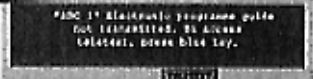
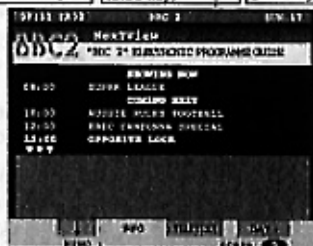
To move down  
the page (green key),  
or to move up  
the page (red key)

For  
information  
on a  
broadcast  
(yellow key)

To call up teletext  
or to go back  
to the previous  
level or to the  
previous day  
(blue key)

To display  
the program  
for the  
following  
days  
(pink key)

2 → 2  
2



# television set electronic programme guide "NexTView"

For further information on the chosen broadcast, press the yellow key.

**!** The yellow key is displayed as long as there is additional information.

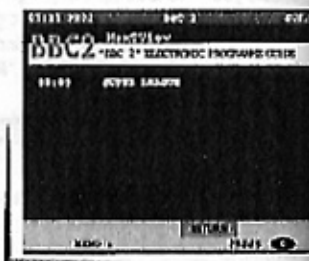
To go back to the guide, press the blue key

To look up programmes for the days ahead, press the pink key.

To return to programmes for the day before that being displayed, press the blue key.

If the programmes displayed are those of the current day, pressing the blue key displays the programmes currently being broadcast.

If you want to quit the Electronic Programme Guide "NexTView", press the key



## SELECTING PROGRAMMES

**!** If the time and date are not stored in the memory (see page 9), it is impossible to select a program using the NexTView Programs Electronic Guide. In this case, the time flashes in the top left hand corner of the screen.

You can store up to 5 programmes. They are displayed in chronological order.

You will therefore be warned when the programme you have stored starts, if you are watching another channel at the same time.

Choose a programme, then press the key. The program is stored.

Press the blue key to go back to the guide, and choose another programme if you want.

**!** If there is an overlap in the times, the programmes concerned will flash as a warning. When the current programme is chosen, pressing O/AV allows you to look up your listing.

If you want to remove a programme from the list, select it, then press the yellow button.

If you try to store a 6th programme, the message opposite appears on the screen:



O/AV



selection is full. Clear a program to enter 1. PLEASE STOP

# Electronic Programme Guide "NexTVView"

If you delete one of the programmed transmissions, the new selection is automatically inserted in chronological order.

When one of the programmes starts, the message shown opposite appears over the picture of the programme you are watching.

If automatic start-up is activated, while the television set is being used, the same message is displayed.

## AUTOMATIC START-UP

You can also program your television set to turn on automatically, at the start of your chosen programme. Note: the television set must be in stand-by mode, it then switches to child lock.

If you would like to switch on your television before the beginning of the programme, you can only do so by using the digital buttons, **PR-**, **PR+** and **PR** on the remote control.

To do this, when storing the programme required, activate the WAKE-UP function by pressing the pink key. A clock appears beside the chosen title. Press the pink key once more to cancel the function.

*The television set goes off automatically at the end of the programme unless a numeric key or the PR+/PR- key on the remote control has been pressed. The keys on the keypad have no effect.*

1 minute after the end of the broadcast, the message shown opposite appears:

*If there is an overlap, priority is given to the programme which starts first.*

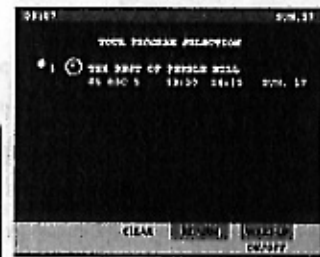
To quit your program selection, press the blue key, or the key **EXIT** to quit the Electronic Programme Guide "NexTVView".

## TELETEXT ACCESS

When the Electronic Programme Guide "NexTVView" is displayed, the current broadcast is selected, and pressing the blue key accesses teletext.

*When the current broadcast is not selected, press the blue key successively to select the current broadcast, then press it once more to access teletext.*

Press the key **EXIT** to quit teletext.





# television set teletext

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 9).

## CALLING UP TELETEXT

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

Press one or twice 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 30).

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.

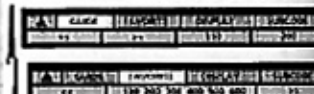
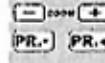
## ALARM

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 teletext 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 .





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

Key	Type	Name	Functions	Menus
Red ↑	TOPTXT	MENU	Displays Toplevel menu (red key).	
		DIRECT	Directly displays the priority pages determined by the station (red and green keys).	
		PREVIEW	Displays TV programme page (red and green keys)	
		GUIDE	Displays subject (yellow key) or field (blue key)	
	FASTEXT	INDEX	Calls up Contents page (red key).	
		GUIDE	Selects different heading (red, green, yellow, blue keys)	
	TELETEXT	INDEX	Displays Contents page (red key).	
		GUIDE	You may call : <ul style="list-style-type: none"> <li>--- • The previous page (red key)</li> <li>--- • The next page</li> <li>--- • The first page of the next ten after the page displayed (yellow key)</li> <li>--- • The first page of the next hundred after the page displayed (blue key). Eg : page displayed : 135 -&gt; page called up : 140 or 200</li> </ul>	
Green ↑	TOPTXT	SUBPAGES	Used to display subpages if any. The number of the subpage displayed is underlined. Select subpages with red or green keys.	
	FASTEXT	FAVORITE	Allows you to store up to 6 of your favourite teletext pages. (for the first 40 programmes). To store your favourite pages, select one of the 3 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).	
	TELETEXT			
Yellow ↑	TOPTXT	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.	
		FASTEXT		
		TELETEXT		
		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.	
Blue ↑	TOPTXT 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.	





# television set 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 9.

## TUNING AV1 AV2 AV3

Menu (-/+)	PAL 2 (UK)		
Decoder	D2	AV1	AV2
Search			
Channel	CH 22		
Cable	CO --		
Programme	02		
File Tuning			
Station name	SD 2		
Truck (-/+)	Store (-/+)		
Access to the organiser (-/+)			

## Norm

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

Select the broadcasting standard :

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

## TUNING AV1 AV2 AV3

Menu (-/+)	PAL 1 (US)		
Decoder	D2	AV1	AV2
Search			
Channel	CH 22		
Cable	CO --		
Programme	02		
File Tuning			
Station name	SD 2		
Truck (-/+)	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.

## TUNING AV1 AV2 AV3

Menu (-/+)	PAL 2 (UK)		
Decoder	D2	AV1	AV2
Search			
Channel	CH 22		
Cable	CO --		
Programme	02		
File Tuning			
Station name	SD 2		
Truck (-/+)	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.

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

Menu (-/+)	PAL 2 (UK)		
Decoder	D2	AV1	AV2
Search			
Channel	CH 22		
Cable	CO --		
Programme	02		
File Tuning			
Station name	SD 2		
Truck (-/+)	Store (-/+)		
Access to the organiser (-/+)			

## TUNING AV1 AV2 AV3

Menu (-/+)	PAL 2 (UK)		
Decoder	D2	AV1	AV2
Search			
Channel	CH 22		
Cable	CO --		
Programme	02		
File Tuning			
Station name	SD 2		
Truck (-/+)	Store (-/+)		
Access to the organiser (-/+)			

# television set 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 : **52**



Optional :

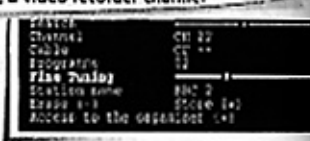
To be used if the picture is not clear or for searching for a specific source, for example, a video recorder channel

## 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.



## 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) or press briefly **[PAV]**



## Store / Erase

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.



## 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 8 to list the channels in the order required by you and to give them a name if this has not already been done.

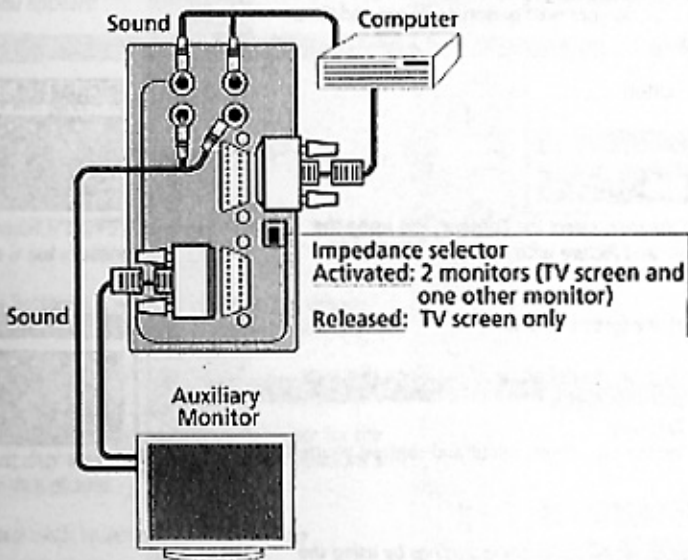
To return to the TUNING menu press once on the key **[ ]**.

To clear the menus press twice on the key **[ ]**.



Your television set is equipped to be connected to a computer. You can thus use your television screen as a monitor and have the advantage of a larger screen, better picture quality and stereo sound.

## COMPUTER CONNECTIONS



**IMPORTANT:** Please carry out the necessary operations in the order below:

### INSTALLING YOUR VGA TELEVISION SET

1) Switch off all equipment (television set, computer and peripheral devices), then:

- Connect one end of the cable to the television set (blue connector) and the other end to the 15 pin connector, located on the rear panel of the computer. Tighten the screws of the two connectors.
- To connect up a second monitor, connect one end of the cable to the VGA television set (black connector) and the other end to the connector of the second monitor.

**IMPORTANT:** Make sure that the connection cable is precisely lined up with the 15 pin connector. Do not force the cable into the connector.

2) Switch on the television

3) Switch on the computer.

If the Plug and play function is compatible with your system and if your graphics board is VESA DDC compatible, the data from the monitor are automatically sent to the graphic display adaptor board via the monitor cable.

(Refer to your graphic display adaptor manual).

4) It is not recommended to connect a monochrome auxiliary monitor.

# television set



## vga

### PICTURE

Specific settings in VGA mode can be accessed to adapt the picture to the various broadcast screens (graphics, text, fine text). These settings are fixed. If, at any time, these settings are not appropriate, you can do your own personal settings and store them in memory.

Press the green button


The PICTURE menu appears:  
PICTURE is selected

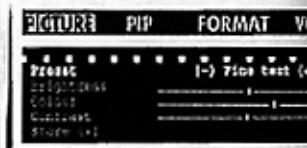
*If this is not the case, select the Contents line using the green key  and Picture with the  key.*

Select the **Preset** line (green button).

- Graphics:** Improve the definition of drawings, diagrams
- Text:** Text + drawings
- Fine Text:** Text only
- Personal:** Set the brightness, colour and contrast yourself.

Store in memory

*You can have direct access to these settings by using the blue  button on the remote control.*



### PIP

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

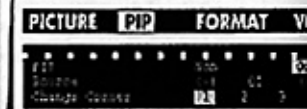
Select PIP.

The PIP menu appears.

You can superimpose all the TV programs stored in memory on one VGA picture as well as the pictures from other audiovisual programs.

The "mosaic" function is not available in VGA. The other PIP functions are identical to those described on pages 11 and 12, and more particularly, you can superimpose the desired program by pressing the PR- or PIt+ button.

The number of the superimposed program is briefly displayed beside the VGA marking.



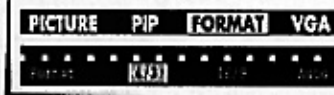


## FORMAT

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

Select **FORMAT**.

The following menu appears:



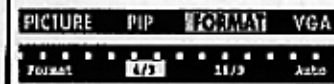
## Format

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

Select **Auto** to automatically select the 4/3 or 16/9 format according to the picture format.

*The chosen format is stored in memory.  
The Zoom line is not available.*

The Zoom-/Zoom+ buttons (◀) Zoom (+) allow you to change from 4/3 format to 16/9 format and vice-versa and cancel the automatic mode.



## VGA

When you connect your television set to your computer for the first time, you must alter the horizontal and vertical positions and amplitudes of the VGA picture.

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

Select **VGA**.

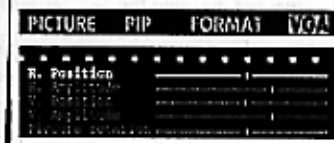
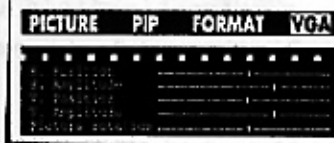
The following menu appears:

Select the **H. Position** line, ( green button)

Set to your preference

Proceed in the same way to select and adjust **H. Amplitude**, **V. Position** and **V. Amplitude** in succession.

Four different positions can be saved in memory according to the VGA mode (see Display Resolutions).



# vga television set

## Display Resolutions

The display resolutions shown below apply to the current modes. This monitor automatically recognises these pre-determined modes when they are required by a software programme or a user and produces a correctly proportioned and centred display.



MEMORY CHANNELS	MODE	RESOLUTION
1	VGA Standard	640 * 480 * 31,5 kHz/60Hz
2	VGA Standard	640 * 480 * 31,5 kHz/60Hz
2	VGA Standard	Centred mode
2	VGA Standard	640 * 480 * 31,5 kHz/60Hz
2	VGA Standard	Left alignment
2	VGA Standard	864 * 480 * 31,5 kHz/60Hz
2	VGA Standard	16/9 Mode
3	DOS Mode	640 * 400 * 31,5 kHz/70Hz
3	VGA Standard	720 * 400 * 31,5 kHz/70Hz
4	DOS Mode	640 * 350 * 31,5 kHz/70Hz

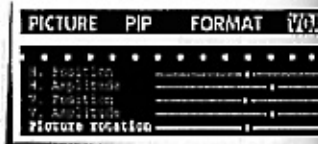
You can carry out changes on all of these modes. All of the geometry adjustment functions are automatically saved in one of four memory channels of the recognised mode.

## Magnetic field correction

This setting corrects the interference resulting from the ground magnetic field.

Select the Picture rotation line.

Adjust so that the displayed menu is completely horizontal, if it was not, by using the   button.





## LOUDSPEAKERS

You can either get sound coming from your computer or sound from the TV program.

Press the red button.

The Sound menu appears, **LOUDSPEAKERS** is selected.

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

Select the **Vga Sound** line using the red button.

Select:

**Internal:** Television sound

**External:** Computer sound

**!** In PIP function, you can thus listen to the superimposed image sound whilst working on the computer image



PROBLEMS	RECOMMENDED SOLUTION
No VGA image (black screen)	<ul style="list-style-type: none"> <li>- Make sure that connection between the PC and the monitor is correct.</li> </ul>
No VGA image on the second monitor (loop mode)	<ul style="list-style-type: none"> <li>- Invert the impedance on the terminals</li> <li>- Make sure that the connection between the PC and the monitor is correct</li> </ul>
Non-synchronised image	<ul style="list-style-type: none"> <li>- Refer to the user instruction manual for your computer or graphic display adaptor in order to select a VGA display (640x480x60Hz).</li> </ul>
Image in black and white (no colour)	<ul style="list-style-type: none"> <li>- Some old graphic display adaptors are compatible with the BIT MODE configuration (conflict with the Plug and play function); refer to your graphic display adaptor manual in order to go into colour mode.</li> <li>- Invert the impedance of the terminals.</li> </ul>
Low contrast, bright image	<ul style="list-style-type: none"> <li>- Make sure that the terminals are in the correct impedance position (monitor mode only)</li> <li>- Check the connection between the first and second monitors</li> </ul>

*! Nous vous recommandons de découper cette vignette pour qu'un enfant ne puisse pas en prendre connaissance.*

### **SI VOUS NE VOUS SOUVENEZ PLUS DE VOTRE CODE PERSONNEL**

Appuyez sur la touche jaune pour sélectionner la ligne Sommaire du menu, puis sur la touche (+) pour sélectionner VERROUILLAGE.

Appuyez sur la touche jaune pour sélectionner la ligne Entrer votre numéro de code.

Appuyez simultanément sur les touches **PR-** et **↵** du téléviseur.

L'ancien code se trouve alors effacé et vous pouvez en entrer un nouveau.

Après le changement de code, il n'est pas nécessaire de reverrouiller les programmes qui étaient verrouillés.



*! Wir empfehlen Ihnen, diesen Abschnitt auszuschneiden, damit er nicht von Kindern gelesen werden kann.*

### **WENN SIE SICH NICHT MEHR AN IHRE PIN-NR ERINNERN**

Kurzes Drücken der gelben Taste, die Titelzeile des Menüs wird aufgerufen, anschließend mit der Taste (+) SPERRUNG wählen.

Drücken Sie die gelbe Taste, die Zeile Geben Sie Ihre PIN-Nr ein wird aufgerufen.

Drücken Sie gleichzeitig die entsprechende Taste **PR-** und **↵** am Fernsehgerät.

Die frühere PIN-Nr ist nun gelöscht und Sie können einen neuen Code eingeben.

Nach dem Ändern der PIN-Nummer brauchen die vorher gesperrten Programme nicht nochmals gesperrt werden.



*! Vi consigliamo di staccare questo tagliando per evitare che i bambini ne prendano conoscenza.*

### **SE NON RICORDATE PIÙ IL CODICE SEGRETO**

Premere il tasto giallo per selezionare la riga Sommario del menu, poi il tasto (+) per selezionare BLOCCO PROG.

Premere il tasto giallo per selezionare la riga Inserire il codice segreto.

Premere simultaneamente i tasti **PR-** e **↵** del televisore.

Il codice precedente viene cancellato e potete quindi inserire un nuovo codice segreto.

Dopo aver cambiato il codice, non è necessario di ribloccare i programmi che erano bloccati.



*! 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 **PR-** 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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