

FD Trinitron Colour Television

Instruction Manual

GB

KV-29FX20U

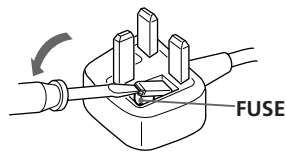
NOTICE FOR CUSTOMERS IN THE UNITED KINGDOM

A moulded plug complying with BS1363 is fitted to this equipment for your safety and convenience.

Should the fuse in the plug supplied need to be replaced, a 5 AMP fuse approved by ASTA or BSI to BS 1362 (i.e. marked with ⚡ or ⚡) must be used.

When an alternative type of plug is used it should be fitted with a 5 AMP FUSE, otherwise the circuit should be protected by a 5 AMP FUSE at the distribution board.

If the plug supplied with this equipment has a detachable fuse cover, be sure to attach the fuse cover after you change the fuse. Never use the plug without the fuse cover. If you should lose the fuse cover, please contact your nearest Sony service station.



How to replace the fuse

Open the fuse compartment with a blade screwdriver, and replace the fuse.

• **IMPORTANT**

If the plug supplied is not suitable for the socket outlets in your home, it should be cut off and an appropriate plug fitted in accordance with the following instructions:

The wires in this mains lead 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:

The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black. The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red. Do not connect either wire to the earth terminal in the plug which is marked by the letter E or by the safety earth symbol \perp or coloured green or green and yellow.






WARNING

- To prevent shock hazard, do not insert the plug cut off from the mains lead into a socket outlet. This plug cannot be used and should be destroyed.
- To prevent fire or shock hazard, do not expose the unit to rain or moisture.
- Dangerously high voltages are present inside the set. Do not open the cabinet. Refer servicing to qualified personnel only.

Thank you for choosing this Sony TV.

Before operating the TV, please read this manual thoroughly and retain it for future reference.

Keys to read this Instruction Manual:

- Use **Getting Started** if you wish to install the TV set and to get familiar with the basic functions.
- Use **Advanced Operation** if you wish to know more about the additional features of the TV set.
- Symbols used in the manual:
 -  Informs you of possible hazards
 -  Important information
 -  Information on a feature
 - **1, 2 ...** Sequence of instructions
 -  Shaded buttons on the remote control show the buttons you have to press to follow the sequence of instructions.
 -  Informs you of the result of the instructions.
 - **>>>** The process continues on the next page to get final result.



Safety Information

All TVs operate on extremely high voltages. To prevent fire or electric shock, please follow the safety procedures indicated below.



For General Safety

- Do not expose the TV set to rain or moisture.
- Do not remove the rear cover.
- For your protection, refer all servicing to qualified personnel only.



For Safe Installation

- Do not install the TV in hot, humid or excessively dusty places.
- Do not block or cover the ventilation openings. For ventilation, leave a space of at least 10 cm all around the set.
- Do not install the TV where it may be exposed to mechanical vibrations.
- Place the TV set only on a stable stand designed for the weight and dimensions of the TV.



For Safe Operation

- Do not operate the TV set on anything other than a 220-240V AC, 50Hz supply.
- Do not operate the TV if any liquid or solid objects fall in through the ventilation slots. Have it checked immediately.
- For environmental and safety reasons, it is recommended that the TV set is not left in standby mode when not in use. Switch off at the mains.
- Do not disconnect the TV by pulling on the power cable. Disconnect by removing the mains plug.
- In case of a thunderstorm, disconnect the TV set from the main supply and the aerial. Otherwise the set may be damaged by a stroke of lightning.



For Maintenance

- Clean the TV screen with a soft dampened cloth. Do not use any abrasive cleaners.
- Dust and nicotine deposits may cause heat accumulation inside the TV set. In the long term this could be a safety risk and may shorten the lifetime of your TV set. Therefore have your set serviced about every five years.

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Advanced Operation

Advanced Presetting

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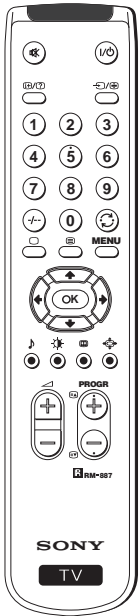
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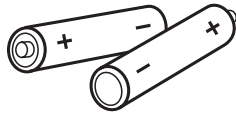
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Checking the Accessories Supplied

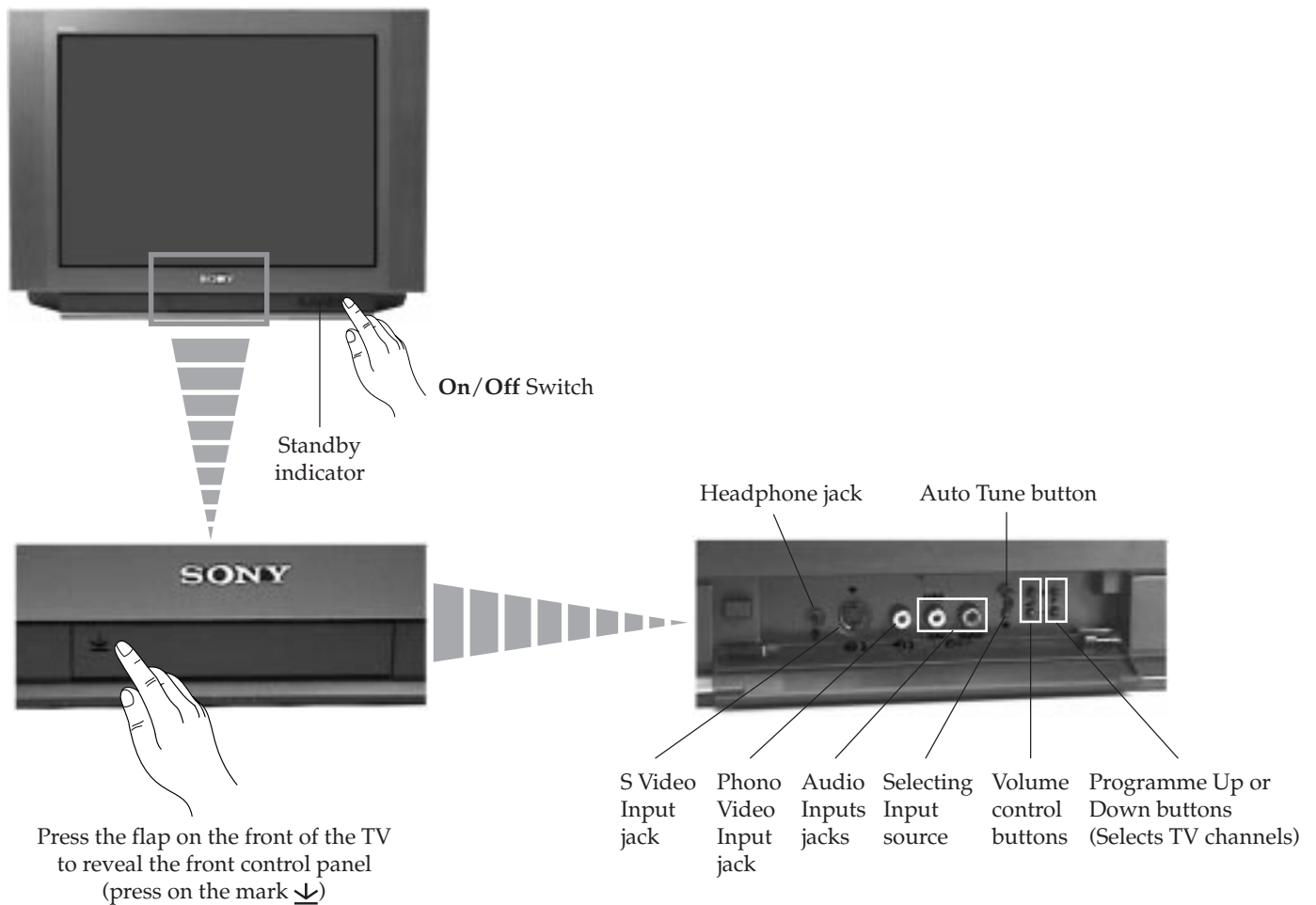


One Remote Control (RM-887)

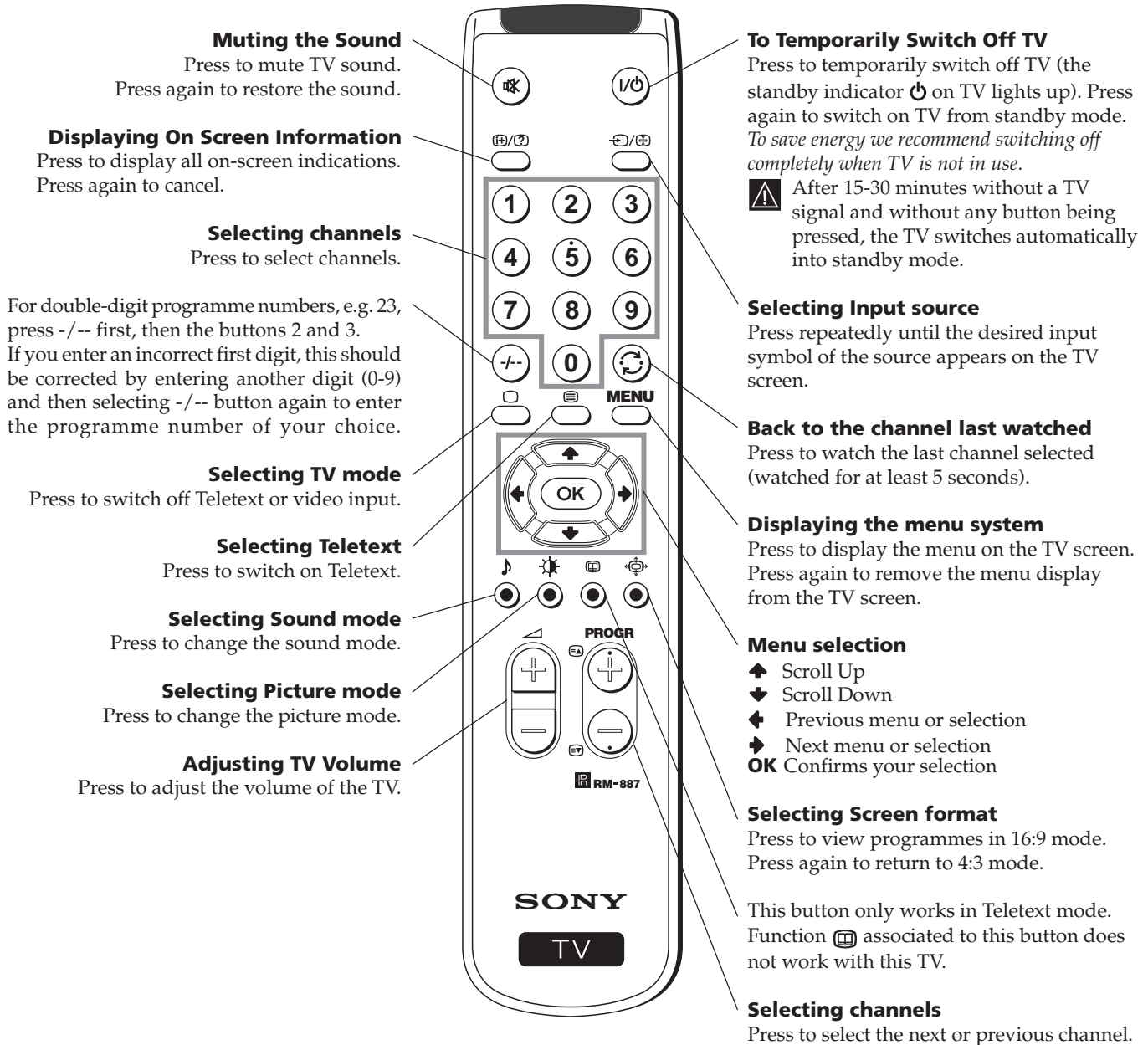


Two batteries (R6 type)

Overview of TV Buttons



Overview of Remote Control Buttons

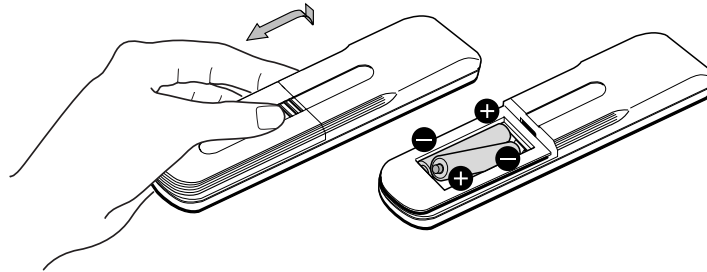


Besides TV functions, all coloured buttons as well as green symbols are also used for Teletext operation. For more details, please refer to the "Teletext" section of this instruction manual.

First Time Operation - Installation


Inserting Batteries into the Remote Control

- ⚠ Make sure to insert the batteries using the correct polarities.
Always remember to dispose of used batteries in an environmental friendly way.

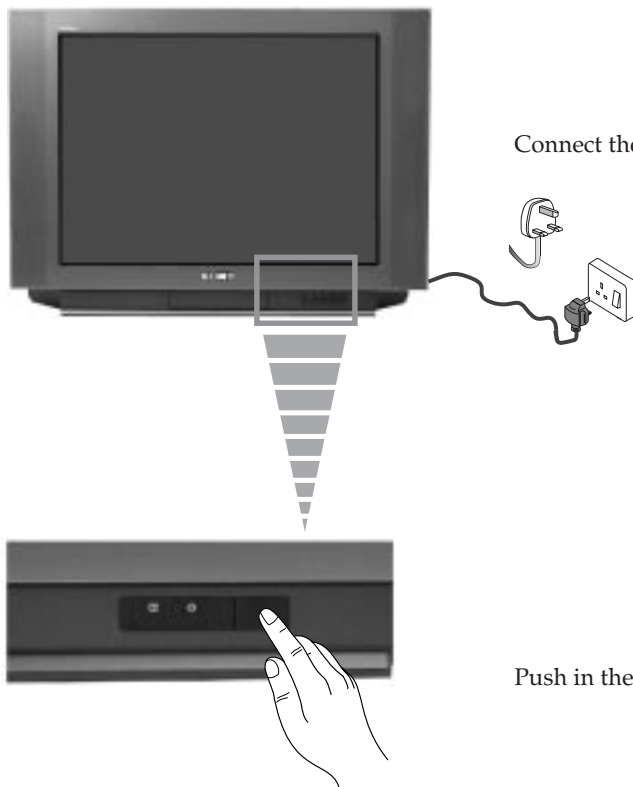


Connecting the Aerial



Connect a conventional aerial to the socket marked  on the rear of the TV.


Switching on the TV



Connect the TV plug to the mains socket (220-240V AC, 50Hz).

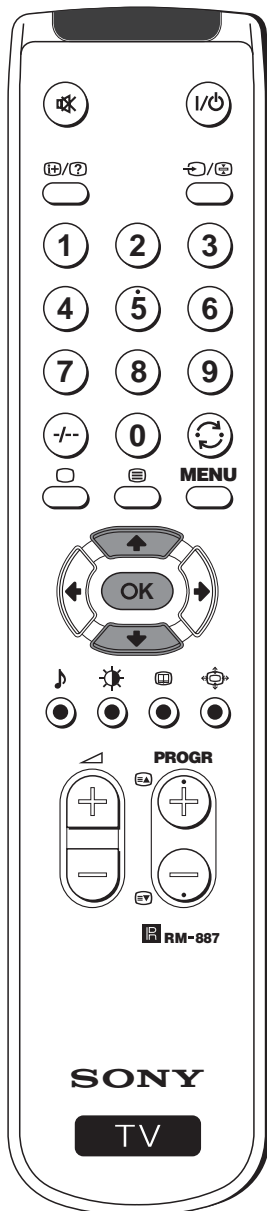
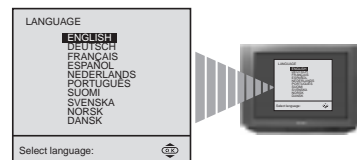
Push in the On/Off switch on the front of the TV.

Selecting Language

i Use this function to change the language of the menu screens. The first time that you switch on your TV, the Language menu appears automatically. However, if you need to change the language menu afterwards, select the menu LANGUAGE in the  (SET UP) menu and proceed in the same way as described below.




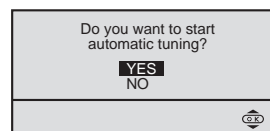
1 Press the **on/off** button on your TV set to switch on your TV. The first time you press the **on/off** button on your TV set, the language menu displays automatically on the TV screen.




2 Press the **↓** or **↑** button on the remote control to select the language, then press the **OK** button to confirm your selection.

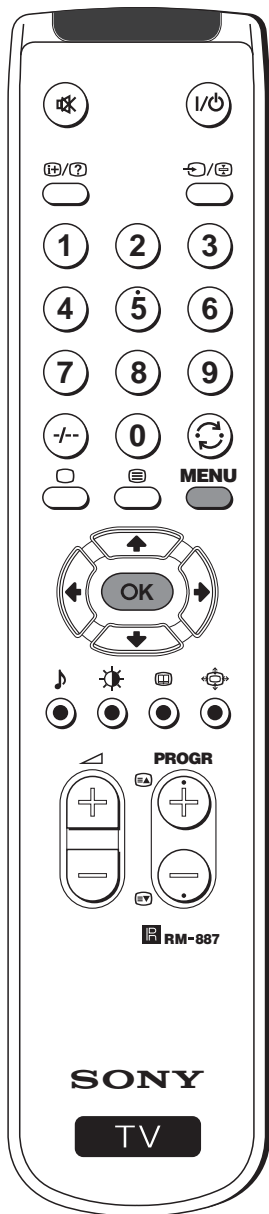


 The Auto Tuning menu appears on the TV screen in the selected language.



Automatically Tuning the TV using the Remote Control

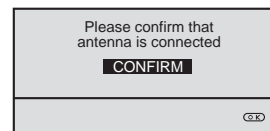
i You need to tune the TV to receive channels (TV Broadcast). By following the instructions below, this TV automatically searches and stores all available channels for you. After having selected the language, a new menu appears automatically on the TV screen asking you to automatically tune the TV. However, if you need to change or repeat the tuning afterwards (e.g. when you move house), select the menu AUTO PROGRAMME in the  (SET UP) menu and proceed in the same way as described below in step 1 or, please refer to the section "Automatically Tuning the TV using the TV buttons" of this instruction manual.



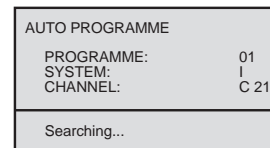
1 Press the **OK** button on the remote control to select **YES**.
A new menu appears automatically on the screen asking you to check that the antenna is connected.




2 Confirm that the antenna is connected and then press the **OK** button.



The automatic tuning starts and the message "Searching..." flashes on the screen.



 This procedure could take some minutes.

 When the automatic tuning is finished, the Programme Sorting menu appears on the TV screen.



- Notes:**
- To stop the automatic tuning, press the **MENU** button.
 - If you stop the automatic tuning by pressing the **MENU** button, the Programme Sorting menu does not appear automatically on the TV screen.



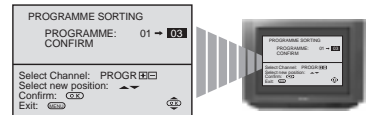
Changing the Programme Order of the TV channels

i After all available channels (TV Broadcast) are captioned and stored, a new menu appears automatically on the screen to change the order in which the channels appear on the screen. However, if you wish to rearrange the order of the channels afterwards, select the menu PROGRAMME SORTING in the **⊞** (SET UP) menu and proceed in the same way as described in the b) section of this chapter.

a) If you do not wish to change the channel order:

1 Press the **MENU** button to exit and return to the normal TV screen.

👍 Your TV is now ready for use.



b) If you wish to change the channel order:

1 Press the **PROGR+** or **-** button until the channel (TV Broadcast) you wish to rearrange appears on the screen.

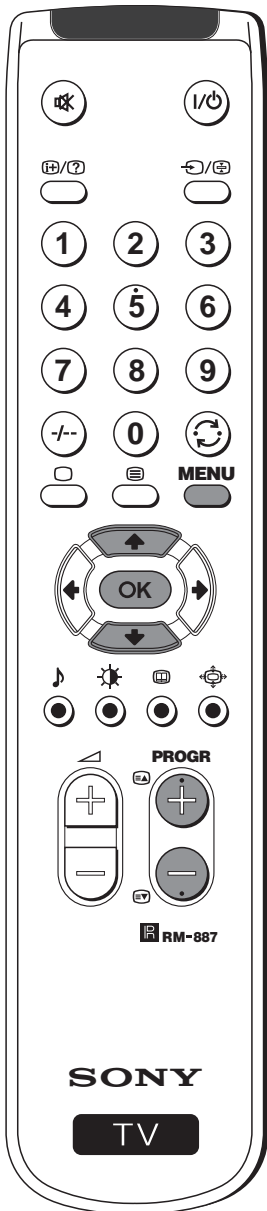
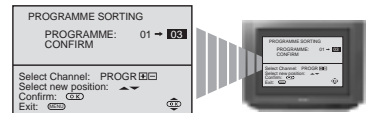
2 Press the **▲** or **▼** button to select the new programme number position for your selected channel (TV Broadcast), then press the **OK** button.

i The word **CONFIRM** is highlighted for a few seconds to confirm that the new programme position is stored.

3 Repeat steps 1 and 2 if you wish to change the order of the other channels on your TV.

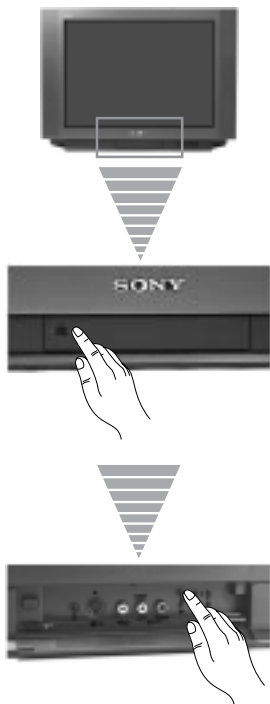
4 Press the **MENU** button to exit and return to the normal TV screen.


👍 Your TV is now ready for use.




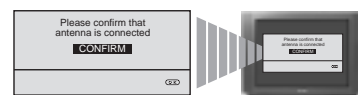
Automatically Tuning the TV using the TV buttons

i Besides the explanation in the section “Automatically Tuning the TV using the Remote Control”, by following the instructions below, this TV also searches and stores automatically all available channels using just one button of the TV set.

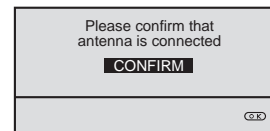


1 Press the flap on the front of the TV by pressing on the  mark to reveal the front control panel.

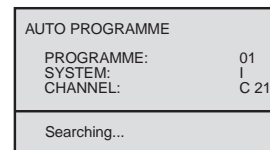
2 Press and hold in the  button on the TV set for some seconds, until a menu appears automatically on the screen asking you to check that antenna is connected.




3 Confirm that the antenna is connected and then press the OK button.



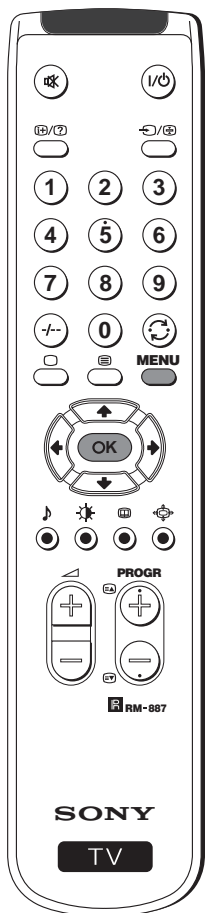
The automatic tuning starts and the message "Searching..." flashes on the screen.



 This procedure could take some minutes.

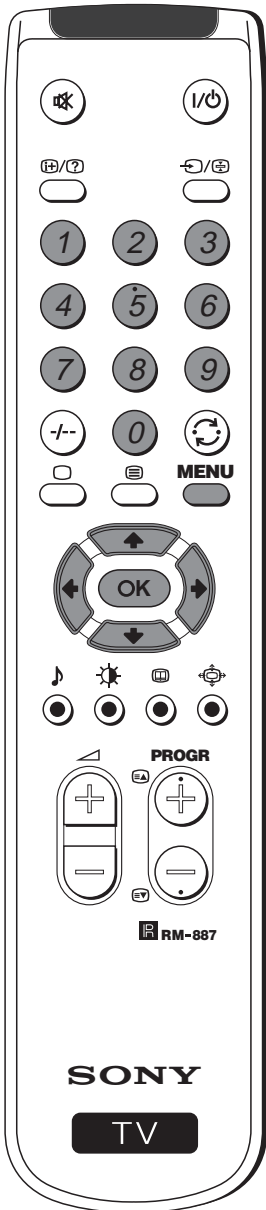
 When the automatic tuning procedure is complete, the menu disappears from the TV screen and your TV is now ready for use.

Note: To stop the automatic tuning, press the MENU button on the remote control.



Manually Tuning the TV

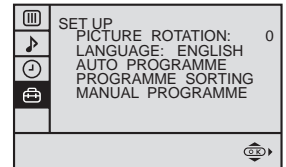
i Use this function to preset channels or a video input source one by one to the programme order of your choice.



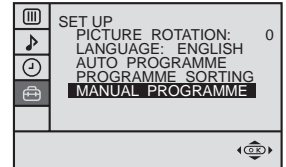
1 Press the **MENU** button on the remote control to display the menu on the TV screen.



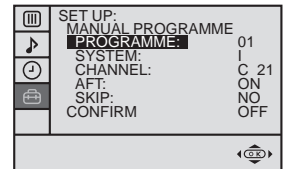
2 Press the **↓** button to select the **SET UP** symbol, then press the **→** button to enter to the **SET UP** menu.



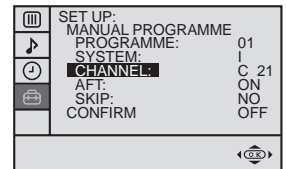
3 Press the **↓** button to select **MANUAL PROGRAMME**, then press the **→** button.



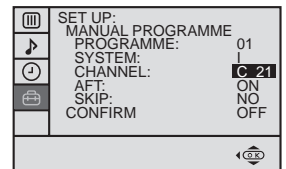
4 With the cursor highlighting **PROGRAMME**, press the **→** button and then, press the **↓** or **↑** button to select on which programme number you want to preset a channel. Press the **←** button.



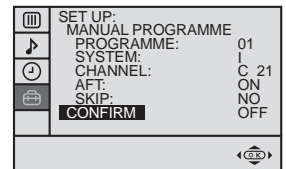
5 Press the **↓** button to select **CHANNEL**, then press the **→** button. Press **↓** or **↑** button to select the channel tuning, "C" for terrestrial channels or "S" for cable channels. Press the **→** button.



6 Press the number buttons to enter the channel number of the TV Broadcast or press the **↑** or **↓** button to search for the next available channel.
If you do not wish to store this channel, press the **↑** or **↓** button to continue searching for the desired channel.



7 If this is the desired channel you wish to store, press the **OK** button and then, with the cursor highlighting **CONFIRM**, press the **OK** button again.



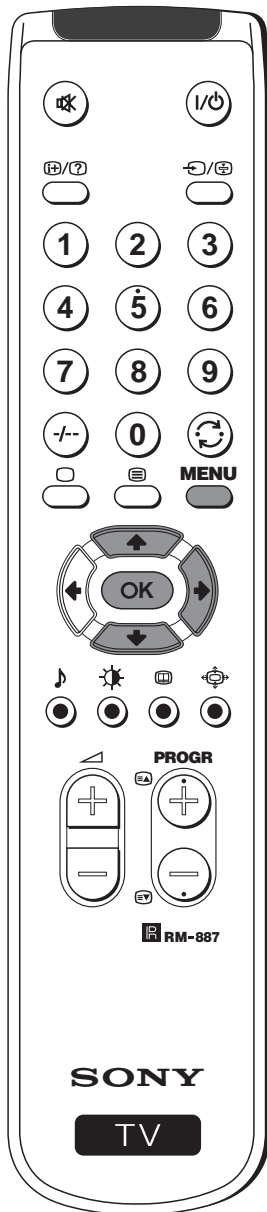
8 Repeat steps 4 to 7 if you wish to store more channels.

9 Press the **MENU** button to exit and return to the normal TV screen.

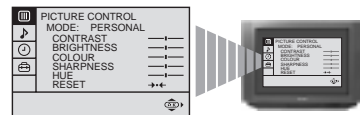
👍 Your TV is now ready for use.

Fine Tuning Channels

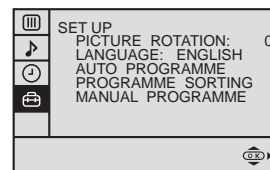
i Normally, the automatic fine tuning (AFT) function is operating. If the picture is distorted, however, you can manually fine tune the TV to obtain a better picture reception.



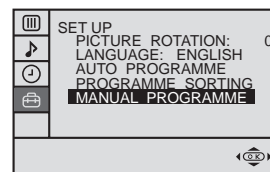
1 Select the channel (TV Broadcast) you wish to fine tune, then press the **MENU** button on the remote control to display the menu on the TV screen.



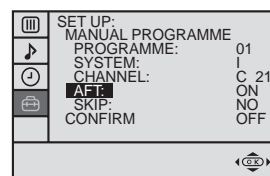
2 Press the **↓** button to select the  symbol, then press the **→** button to enter to the **SET UP** menu.



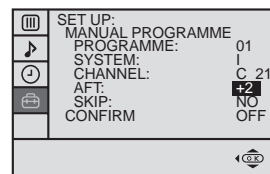
3 Press the **↓** button to select **MANUAL PROGRAMME**, then press the **→** button.



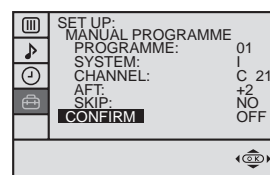
4 Press the **↓** button to select **AFT**, then press the **→** button.



5 Press the **↓** or **↑** button to adjust the fine tuning (-15 to +15), then press the **OK** button.




6 With the cursor highlighting **CONFIRM**, press the **OK** button to store.



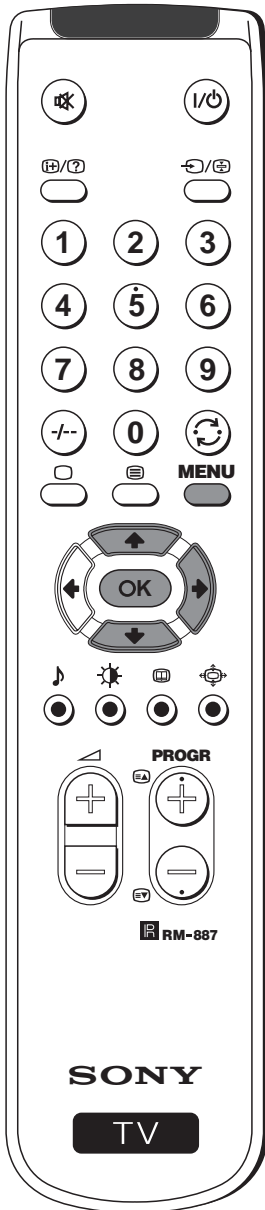
7 Press the **MENU** button to exit and return to the normal TV screen.

8 Repeat steps 1 to 7 to fine tune other channels.

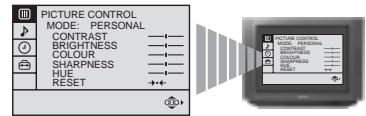
 Your TV is now ready for use.

Adjusting the Picture Rotation

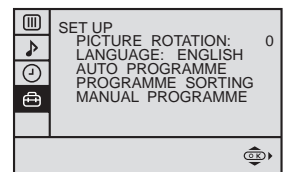
i Because of the earth's magnetism, the picture might slant. In this case, you can correct the picture slanting.



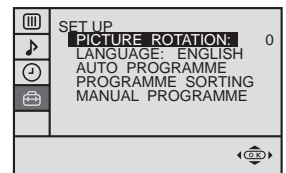
1 Press the **MENU** button on the remote control to display the menu on the TV screen.



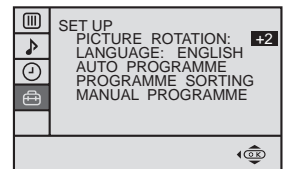
2 Press the **↓** button to select the **SET UP** symbol, then press the **→** button to enter to the **SET UP** menu.



3 With the cursor highlighting **PICTURE ROTATION**, press the **→** button.



4 Press the **↓** or **↑** button to adjust the picture rotation (adjusting range is -5 to +5), then press the **OK** button.

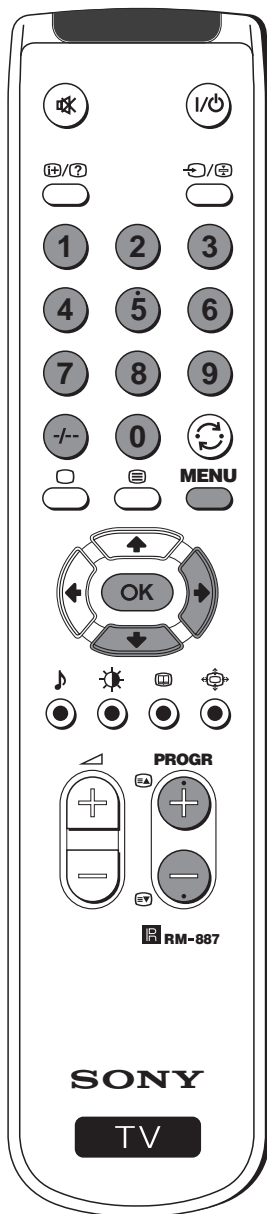


5 Press the **MENU** button to exit and return to the normal TV screen.

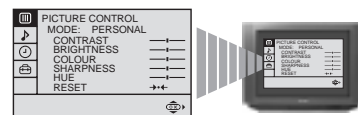
Your TV is now ready for use.

Skipping Programme positions

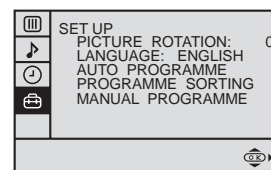
i You can programme this TV to skip any unwanted programme numbers when they are selected with the **PROGR +/-** buttons. To cancel this function afterwards, proceed in the same way as described below by selecting **NO** instead of **YES** in step 6.



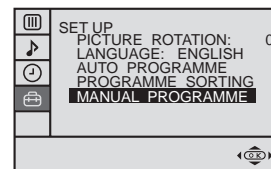
1 Press the **MENU** button on the remote control to display the menu on the TV screen.



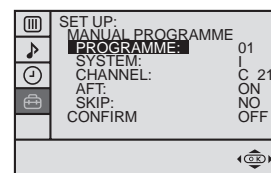
2 Press the **↓** button to select the **SET UP** symbol, then press the **→** button to enter to the **SET UP** menu.



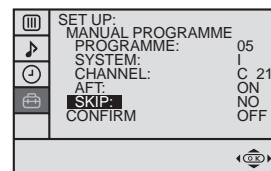
3 Press the **↓** button to select **MANUAL PROGRAMME**, then press the **→** button.



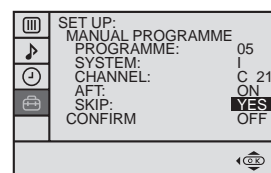
4 With the cursor highlighting **PROGRAMME**, press the **PROGR +** or **-** button until the programme you want to skip appears on the screen.



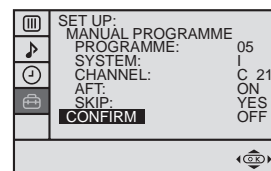
5 Press the **↓** button to select **SKIP**, then press the **→** button.



6 Press the **↓** button to select **YES**, then press the **OK** button.



7 With the cursor highlighting **CONFIRM**, press the **OK** button.



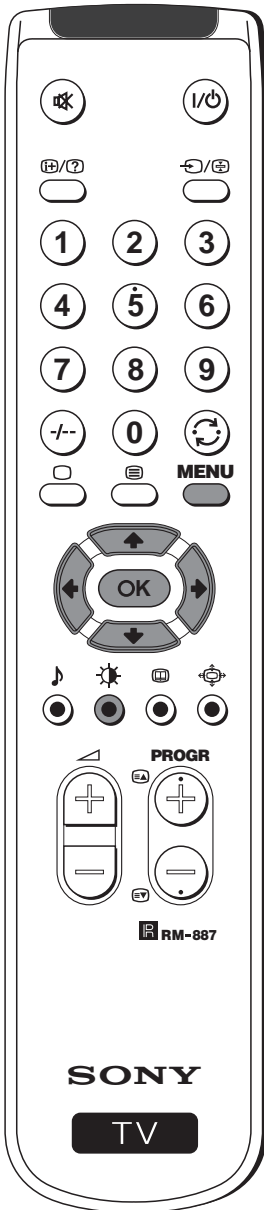
8 Repeat steps 4 to 7 to skip other unused programme positions.

9 Press the **MENU** button to exit and return to the normal TV screen.

👉 When changing channels (TV Broadcasts) with the **PROGR +/-** buttons, the skipped programme positions do not appear. You can, however, still select them using the number buttons.

Adjusting the Picture

i Although the picture is adjusted at the factory, you can modify it to suit your own taste.



1 Press the **MENU** button on the remote control to display the menu on the TV screen.

2 Press the **▶** button to enter to the **PICTURE CONTROL** menu.

3 Press the **▼** or **▲** button to select the item you wish to change.

4 With the cursor highlighting the item you wish to change, press the **▶** button.
(Refer to the table below for the effect of each control).

PICTURE CONTROL	OPERATION / EFFECT
MODE	<ul style="list-style-type: none"> ▼ PERSONAL (for individual settings) ▼ LIVE (for live broadcast programmes) ▼ MOVIE (for films)
CONTRAST	Less ◀ ▶ More
BRIGHTNESS*	Darker ◀ ▶ Brighter
COLOUR*	Less ◀ ▶ More
SHARPNESS*	Softer ◀ ▶ Sharper
HUE**	Greenish ◀ ▶ Reddish
RESET	Resets picture to the factory preset levels.

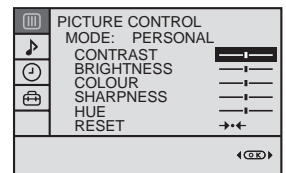
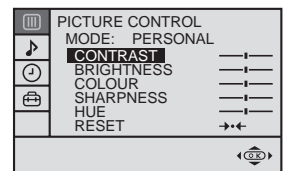
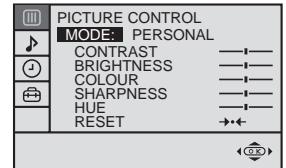
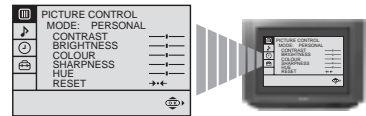
* Can be only altered if PERSONAL MODE is selected.

** Only available for NTSC colour signal (e.g: US video tapes).

5 Press the **▼/▲** or **◀/▶** button to alter the selected item, then press the **OK** button to store the new adjustment.

6 Repeat steps 3 to 5 to alter the other items.

7 Press the **MENU** button to exit and return to the normal TV screen.



Changing Picture Mode Quickly

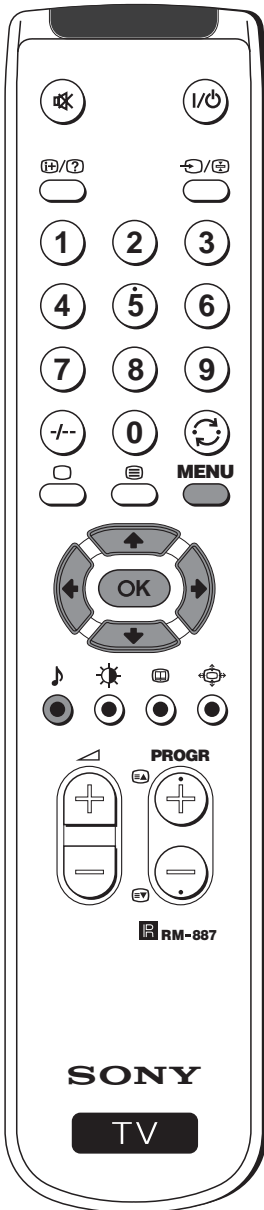
1 Press the button on the remote control to directly access the **PICTURE MODE**.

2 Press the **▼** button to select your desired picture mode (**PERSONAL**, **LIVE** or **MOVIE**).



Adjusting the Sound

i Although the sound is adjusted at the factory, you can modify it to suit your own taste.



1 Press the **MENU** button on the remote control to display the menu on the TV screen.

2 Press the **↓** button to select the **♪** symbol, then press the **→** button to enter to the **SOUND CONTROL** menu.

3 Press the **↓** or **↑** button to select the item you wish to change.

4 With the cursor highlighting the item you wish to change, press the **→** button.
(Refer to the table below for the effect of each control).

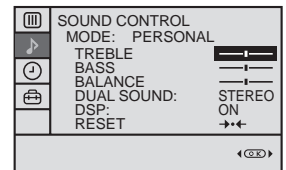
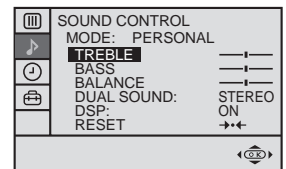
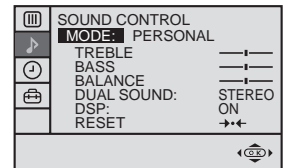
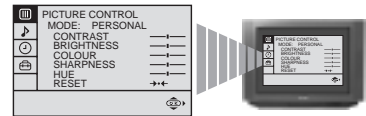
SOUND CONTROL	OPERATION / EFFECT
MODE	<ul style="list-style-type: none"> ▼ PERSONAL (for individual settings) ▼ JAZZ ▼ POP ▼ ROCK
TREBLE*	Less ◀ ▶ More
BASS*	Less ◀ ▶ More
BALANCE	Left ◀ ▶ Right
DUAL SOUND	<ul style="list-style-type: none"> • For a stereo broadcast: <ul style="list-style-type: none"> ▼ MONO ▲ STEREO • For a bilingual broadcast: <ul style="list-style-type: none"> ▼ MONO (for mono channel if available) ▼ A (for channel 1) ▼ B (for channel 2)
DSP (Digital sound Processor)	ON ◀ ▶ OFF
RESET	OK Resets sound to the factory preset levels.

* Can be only altered if PERSONAL MODE is selected.

5 Press the **↓/↑** or **←/→** button to alter the selected item, then press the **OK** button to store the new adjustment.

6 Repeat steps 3 to 5 to alter the other items.

7 Press the **MENU** button to exit and return to the normal TV screen.



Changing Sound Mode Quickly

1 Press the **♪** button on the remote control to access directly to the **SOUND MODE**.

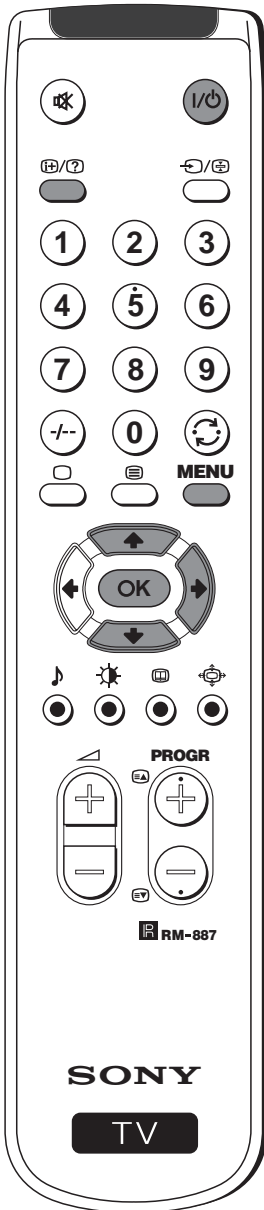


2 Press the **↓** button to select your desired sound mode (**PERSONAL**, **JAZZ**, **POP** or **ROCK**).

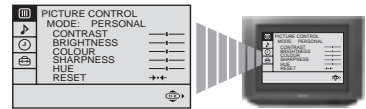


Using the Sleep Timer

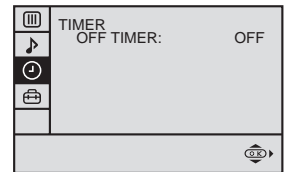
i You can select a time period for the TV to switch itself automatically into the standby mode.



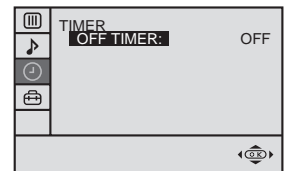
1 Press the **MENU** button on the remote control to display the menu on the TV screen.



2 Press the **↓** button to select the **⌚** symbol, then press the **→** button to enter to the **TIMER** menu.

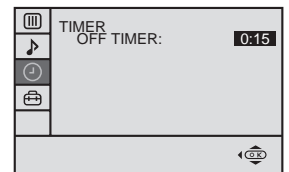


3 With the cursor highlighting **OFF TIMER**, press the **→** button.



4 Press the **↓** or **↑** button to set the time period delay

- ▲ OFF
- 0:15 min.
- 0:30 min.
- ...
- ...
- ▼ 4:00 hours



5 Press the **OK** button.

6 Press the **MENU** button to exit and return to the normal TV screen.

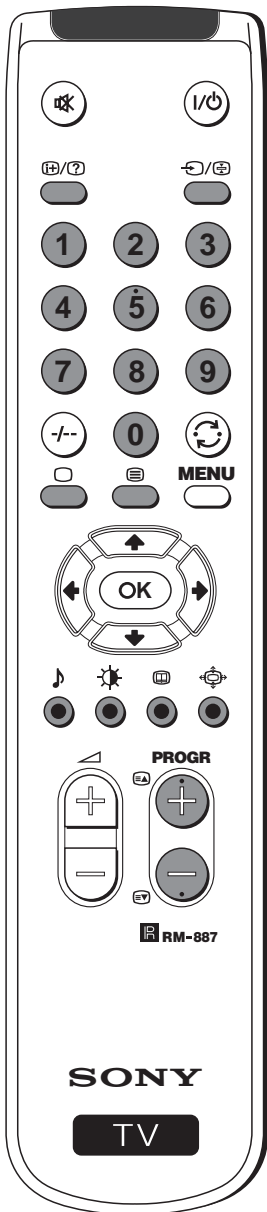
👍 One minute before the TV switches into standby mode, the time remaining is displayed on the TV screen automatically.

- Notes:**
- When watching the TV, press the **⌚** button to display the time remaining.
 - To return to normal operation from standby mode, press the **I/O** button.



Viewing Teletext

i Teletext is an information service transmitted by most TV stations.

⚠ Make sure to use a TV channel with a strong signal, otherwise teletext errors may occur.











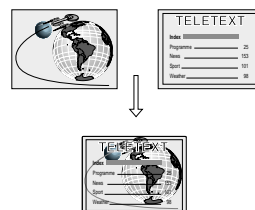
Selecting Teletext

- 1** Select the TV channel which carries the teletext service you wish to view.
- 2** Press the  button on the remote control to switch on the teletext.
- 3** Input three digits for the page number, using the numbered buttons on the remote control. (if you have made a mistake, type in any three digits and then, re-enter the correct page number).
- 4** Press the  button to switch off teletext.



Using other Teletext functions

TO	PRESS THE BUTTON
Access the next or preceding page	 for next page or  for the preceding page
Superimpose teletext on to the TV	 Press  again to cancel teletext mode.
Freeze a teletext page	 Press  again to cancel the freeze.
Reveal concealed information (e.g: answer to a quiz)	 Press  again to cancel.



Using Fastext

i Fastext lets you access pages with one button stroke.


When Fastext is broadcast, a colour coded menu appears at the bottom of the teletext page. Press the colour button (red, green, yellow or blue) on the remote control to access the corresponding page.







Optional Connections


Using Optional Equipment

i You can connect optional audio or video equipment to your TV, such as a VCR, a camcorder or a video game as shown below.

Select and View the Input Signal

- 1 Connect your equipment to the designated TV socket.
- 2 Press the  button repeatedly on your remote control until the correct input symbol appears on the TV screen.

Symbol	Input signals
	• Audio/video input signal through the Euro AV connector F
	• RGB input signal through the Euro AV connector F
	• Audio/video input signal through the Euro AV connector E
	• S video input signal through the Euro AV connector E
	• Video input signal through the phono socket C and Audio input signal through D
	• S video input signal through the socket B and Audio input signal through D .

- 3 Switch on the connected equipment.
- 4 To return to normal TV picture, press the  button on the remote control.

Note: To avoid picture distortion, do not connect equipment to the **B** and **E** connectors at the same time.

Additional Information

Connecting a VCR

Plug in VCR to the socket **F** on the rear of the TV set. We recommend you tune in the VCR signal to TV programme number '0' using the section "Manually Tuning the TV" of this instruction manual.

Connecting Headphones

Plug in your headphones to the socket **A** on the front of the TV set.

Connecting Decoders

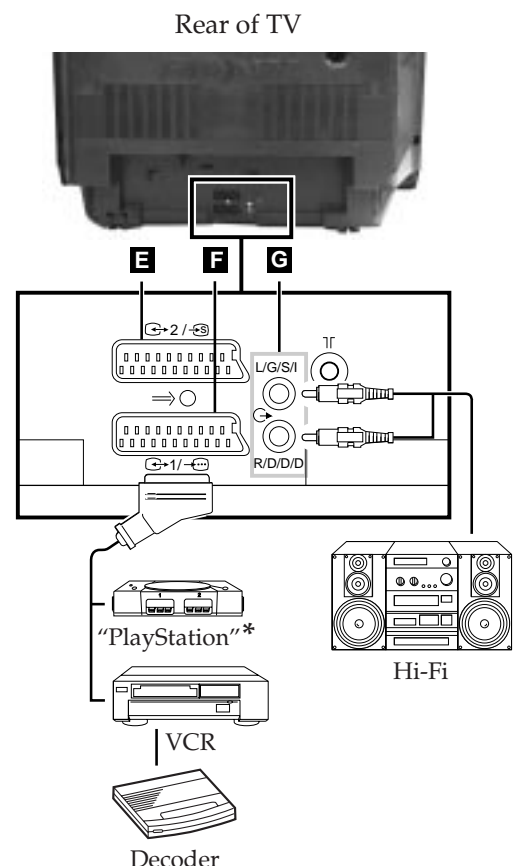
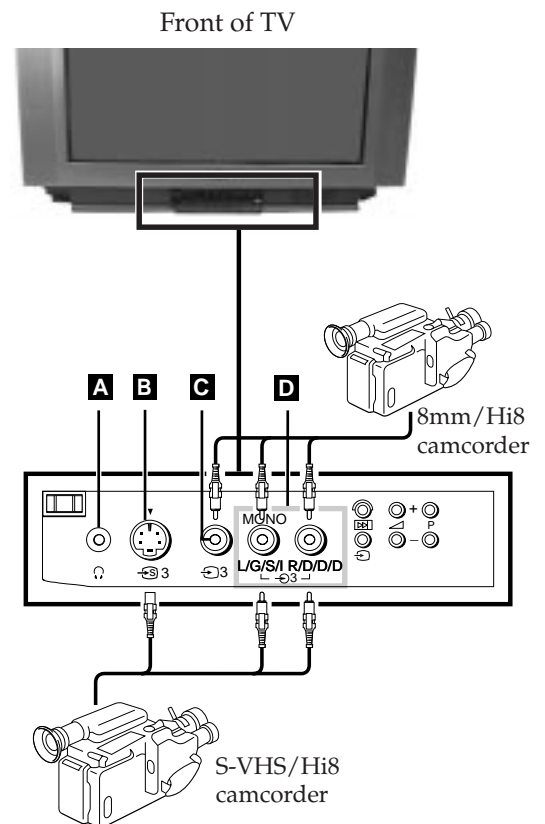
Plug in decoders to the socket **F** on the rear of the TV.

Connecting to External Audio Equipment

Plug in your Hi-Fi equipment to the **G** sockets on the rear of the TV if you wish to amplify the audio output from the TV.

* "PlayStation" is a product of Sony Computer Entertainment, Inc.

* "PlayStation" is a trademark of Sony Computer Entertainment, Inc.




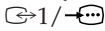
Smartlink

 Smartlink is a direct link between your TV set and a VCR.

For Smartlink you need:



- A VCR which supports Smartlink, NextView Link, Easy Link or Megalogic.

 Megalogic is a trademark of Grundig Corporation.
EasyLink is a trademark of Philips Corporation.

- A fully-wired 21 pin SCART cable to connect your VCR to Scart  connector.

The features of Smartlink are:

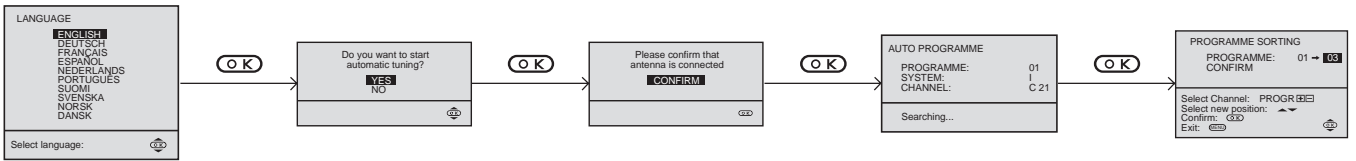
- Tuning information such as the channel overview are downloaded from the TV set to the VCR.
- Direct TV recording: While watching TV you need to press just one button on the VCR to record this programme.
- TV in standby mode: Press the "Play ►" button on your VCR to switch the TV automatically on.

 If you have connected a decoder to a VCR which supports Smartlink feature, select the menu MANUAL PROGRAMME in the  (SET UP) menu and select **DECODER ON** to each codified channel.

 For more information on Smartlink, please refer to the Instruction Manual of your VCR.

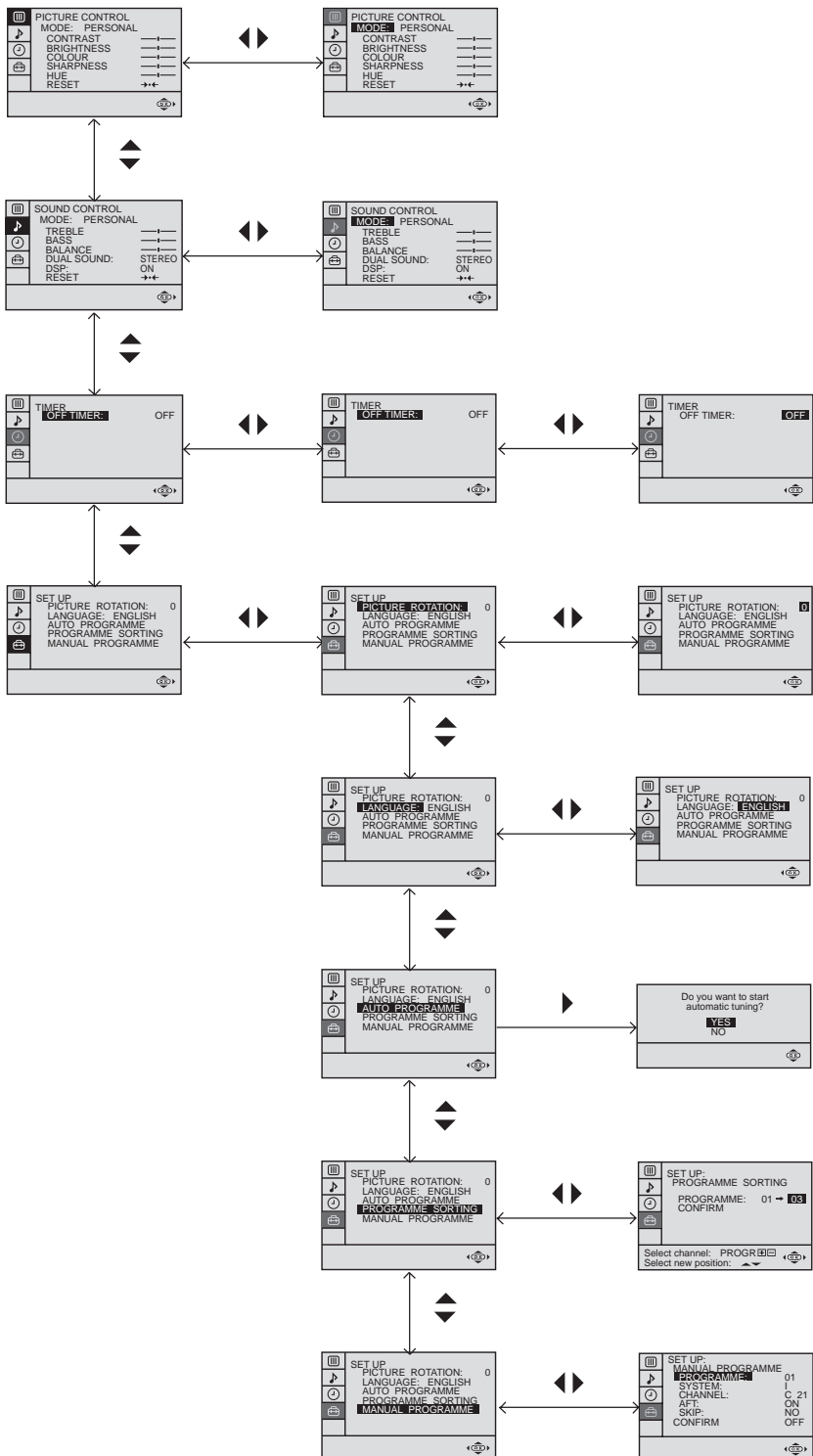
Menu Guide

Set Up Menus (for first time operation)



(For more details, please refer to the chapter "Selecting Language")

On Screen display Menu Guide



(For different adjustments, please refer to the section "Adjusting the Picture")

(For different adjustments, please refer to the section "Adjusting the Sound")

(For more details, please refer to the section "Using the Sleep Timer")

(For more details, please refer to the section "Picture Rotation")


(For more details, please refer to the section "Selecting Language")











(For more details, please refer to the section "Automatically Tuning the TV using the Remote Control")

(For more details, please refer to the section "Changing the Programme Order of the TV channels")

(For more details, please refer to the section "Manually Tuning the TV")

Troubleshooting

 Here are some simple solutions to the problems which may affect the picture and sound.

Problem	Solution
No picture (screen is dark), no sound	<ul style="list-style-type: none"> • Plug the TV in. • Press the  button on the front of TV. • If the  indicator is on, press  button or a programme number button on the remote control. • Check the aerial connection. • Check that the selected video source is on. • Turn the TV off for 3 or 4 seconds and then turn it on again using the  button on the front of the TV.
Poor or no picture (screen is dark), but good sound	<ul style="list-style-type: none"> • Using the MENU system, select the Picture Adjustment display. Adjust the brightness, picture and colour balance levels. • From the Picture Adjustment display select RESET to return to the factory settings.
Poor picture quality when watching a RGB video source.	<ul style="list-style-type: none"> • Press the  button repeatedly on the remote control until the RGB symbol  is displayed on the screen.
Good picture, no sound	<ul style="list-style-type: none"> • Press the  +/- button on the remote control. • If  is displayed on the screen, press the  button on the remote control.
No colour on colour programmes	<ul style="list-style-type: none"> • Using the MENU system, select the Picture Adjustment display. Adjust the colour balance. • From the Picture Adjustment display select RESET to return to the factory settings.
Distorted picture when changing programmes or selecting teletext	<ul style="list-style-type: none"> • Turn off any equipment connected to the 21 pin Euro connector on the rear of the TV.
Noisy picture when viewing TV channel	<ul style="list-style-type: none"> • Adjust Fine Tuning to obtain better picture reception.
Remote control does not function	<ul style="list-style-type: none"> • Replace the batteries.
The standby indicator  on the TV flashes.	<ul style="list-style-type: none"> • Contact to your nearest Sony service centre.



- If you continue to have these problems, have your TV serviced by qualified personnel.
- NEVER open the casing yourself.

Specifications

TV system

I

Colour system

PAL

NTSC 3.58, 4.43 (only Video In)

Channel coverage

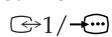

UHF: B21-B69

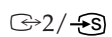

Picture tube


Flat Display Trinitron

Approx. 72 cm (29 inches) (Approx. 68 cm picture measured diagonally), 104° deflection


Rear Terminals


 1/  21-pin Euro connector (CENELEC standard) including audio/video input, RGB input, TV audio/video output


 2/  21-pin Euro connector (CENELEC standard) including audio/video input, S-video input, monitor audio/video output


 Audio outputs - phono jacks

Front Terminals

 3 video input - phono jack

 3 audio inputs - phono jacks

 3 S video input - 4 pin DIN

 Headphones jack - minijack stereo

Sound output

2x7 W + 1x15 W (RMS)

Power consumption

150 W

Standby Power consumption

0.5 W

Dimensions (w x h x d)

Approx. 746 x 569 x 516 mm

Weight

Approx. 47.5 kg

Accessories supplied

1 Remote Control (RM-887)

2 Batteries (IEC designated)

Other features

TELETEXT, Fastext, TOPtext

NICAM Stereo

Sleep Timer

Smartlink

Design and specifications are subject to change without notice.

Additional Information

Television Channel Number Guide

i Only the main transmitters are listed. Information regarding the regional sub-relay channel numbers can be obtained by connecting The BBC Engineering Information Dept. (0181) 752 5040.

MAIN TRANSMITTERS	BBC1	BBC2	ITV	CH4	CH5
London & South East					
① Bluebell Hill	40	46	43	65	-
② Crystal Palace	26	33	23	30	-
③ Dover	50	56	66	53	-
④ Heathfield	49	52	64	67	-
⑤ Oxford	57	63	60	53	49
South-West					
⑥ Beacon Hill	57	63	60	53	-
⑦ Caradon Hill	22	28	25	32	-
⑧ Huntshaw Cross	55	62	59	65	67
⑨ Redruth	51	44	41	47	37
⑩ Stockland Hill	33	26	23	29	-
Channel Islands					
⑪ Fremont Point	51	44	41	47	-
South					
⑫ Hannington	39	45	42	66	-
⑬ Midhurst	61	55	58	68	-
⑭ Rowridge	31	24	27	21	-
West					
⑮ Mendip	58	64	61	54	37
East					
⑯ Sandy Heath	31	27	24	21	39
⑰ Sudbury	51	44	41	47	-
⑱ Tacolneston	62	55	59	65	52
Midlands (West)					
⑲ Ridge Hill	22	28	25	32	-
⑳ Sutton Coldfield	46	40	43	50	-
㉑ The Wrekin	26	33	23	29	-
Midlands (East)					
㉒ Waltham	58	64	61	54	-
Northern Ireland					
㉓ Brougher Mountain	22	28	25	32	-
㉔ Divis	31	27	24	21	-
㉕ Limavady	55	62	59	65	-
North					
㉖ Belmont	22	28	25	32	56
㉗ Emley Moor	44	51	47	41	37
North-West					
㉘ Winter Hill	55	62	59	65	48
North-East					
㉙ Bilsdale West Moor	33	26	29	23	-
㉚ Caldbeck	30	34	28	32	56
㉛ Chatton	39	45	49	42	-
㉜ Pontop Pike	58	64	61	54	-
Scotland					
㉝ Angus	57	63	60	53	-
㉞ Black Hill	40	46	43	50	37
㉟ Sandale	22	67	-	-	-
㊱ Caldbeck	-	-	28	32	56
㊲ Craigmally	31	27	24	21	48
㊳ Darvel	33	26	23	29	-
㊴ Durriss	22	28	25	32	67
㊵ Eitshal (Lewis)	33	26	23	29	-
㊶ Keelylang Hill	40	46	43	50	-
㊷ Knock More	33	26	23	29	-
㊸ Rosemarkie	39	45	49	42	-
㊹ Rumster Forest	31	27	24	21	-
㊺ Selkirk	55	62	59	65	52
Wales					
㊻ Blaenplwyf	31	27	24	21	56
㊼ Carmel	57	63	60	53	-
㊽ Llanddona	57	63	60	53	-
㊾ Moel-y-Parc	52	45	49	42	-
㊿ Presely	46	40	43	50	37
① Wenvoe	44	51	41	47	-

