SONY

3-858-033-**21** (1)

KV-21V4U

Operating Instructions **GB**

Trinitron Colour Video TV

VHS Video
combo
Black **Trinitron**

VIDEOPlus+

VHS
PAL NTSC 4.43

© 1996 by Sony Corporation

Printed in Spain

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WARNING

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.

Caution

Television programmes, films, video tapes and other materials may be copyrighted.
Unauthorized recording of such materials may be contrary to the provisions of the copyright laws.

Colour System of Your Set

This video TV is designed to receive TV programmes based on PAL (I) colour system and to record and play on PAL colour system. Also, the video TV can play tapes on NTSC colour system.

Precautions

Safety Information

For general safety:

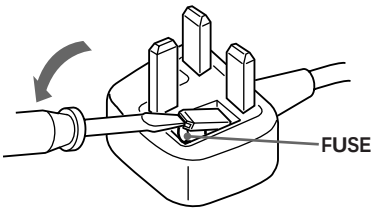
- Do not expose the unit to rain or moisture.
- Do not open the rear cover.

For safe operations:

- Do not operate the unit on anything but 220-240 V AC.
- Do not operate the unit if any liquid or solid object falls in it—have it checked immediately.
- Unplug the unit from the wall outlet if you do not intend to use it for an extended period of time. To disconnect the cord, pull it out by the plug, never by the cord.

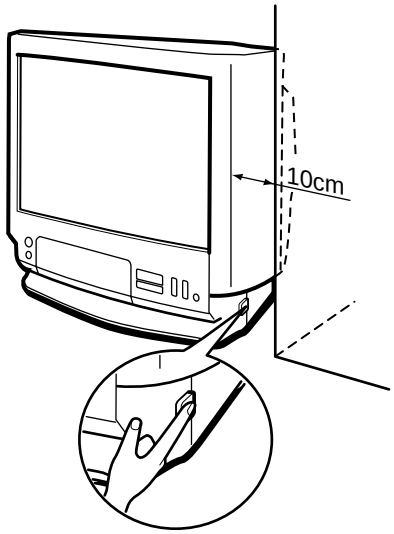
NOTICE FOR CUSTOMERS IN THE UNITED KINGDOM

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 2 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.



For safe installation:

- Do not block the ventilation openings.
- Do not install the unit in hot, humid, or excessively dusty places.
- Do not install the unit where it may be exposed to mechanical vibrations.
- Position the unit so that there is a clear space of 10 cm from a wall, allowing you to press the U (MAIN POWER) switch to turn it on and off completely.



For your protection, refer all servicing to qualified personnel.

r **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 Y or coloured green or green and yellow.

r **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.

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

r Dangerously high voltages are present inside the set. Do not open the cabinet. Refer servicing to qualified personnel only.

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

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Step 1 — Preparation

Checking the Supplied Accessories

When you have taken everything out of the carton, check that you have these items:

- Remote Commander
- Two R6 (size AA) batteries

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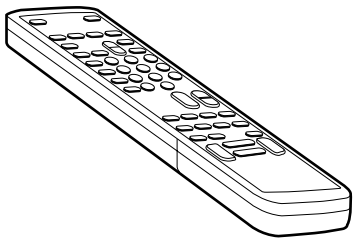
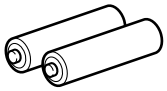
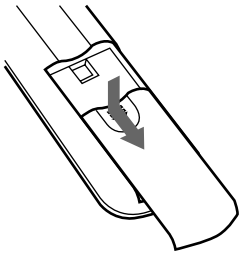
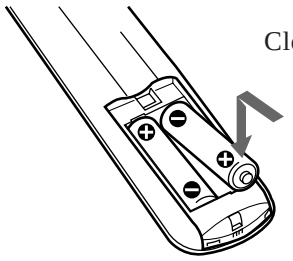




Inserting Batteries into the Remote Commander



Turn the Commander over, and remove the cover.



Check the polarities and position two R6 batteries correctly.

Close the cover.

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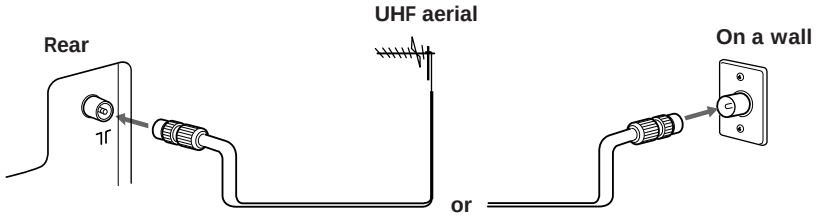
Step 2 — Connecting the Aerial

Connecting an Outdoor Aerial

For better TV reception and recording with clear video picture, connect an outdoor aerial to your video TV.

To connect a UHF aerial — 75-ohm coaxial cable (round)

Attach an IEC aerial connector to 75-ohm coaxial cable.
Plug the connector into the ⅂ (aerial) socket of the video TV.



After connecting the aerial, connect the mains lead to a wall outlet.

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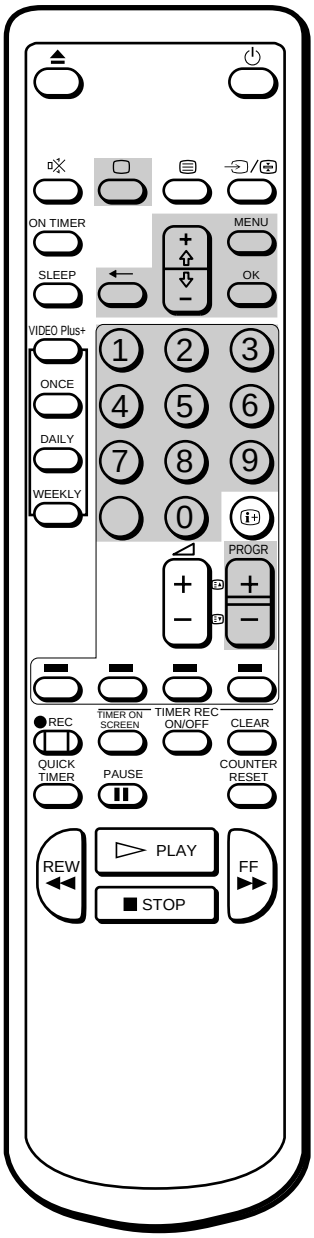
Step 3 — Tuning in to TV Stations



Note on the DEMONSTRATION function

If you choose "DEMONSTRATION" on the main menu and press OK, you can see a sequential demonstration on the menu functions on the screen. Press any button (e.g. MENU) to stop this function.

You should preset the channels (up to 60 channels) by choosing either the automatic or manual method.
The automatic method is easier if you want to preset all receivable channels at once. Use the manual method if you want to allocate programme numbers to the channels one by one.

GB

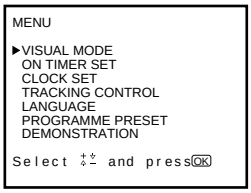
Before you begin

- Depress the U (MAIN POWER) switch on the right side of the video TV to switch it on.
  If the u lamp on the video TV is lit in red, press ;, PROGR +/– or a number button on the Remote Commander.

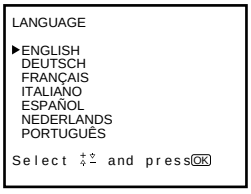
Selecting the Language on the Menu

You can select one of several languages for the menu and on-screen information.
The initial setting is English.

1 Press MENU.
The main menu appears.



2 Move the cursor (z) to "LANGUAGE" with + or – and press OK.
The LANGUAGE menu appears.



3 Select the language you want with + or – and press OK.
The selected language is coloured green, and the menu appears in the selected language.

4 Press MENU to go back to the original screen.

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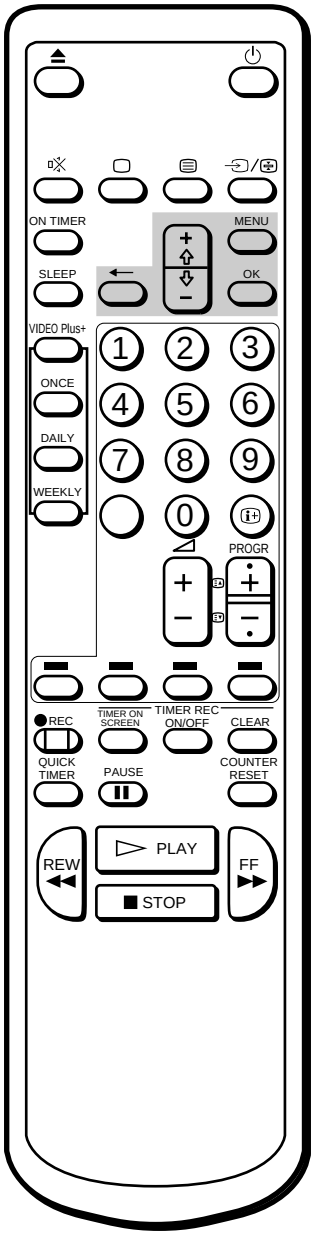


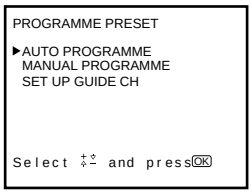
To stop automatic channel presetting

Press ? on the Remote Commander.

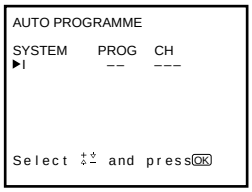
Presetting Channels Automatically

1 Press MENU to display the main menu.

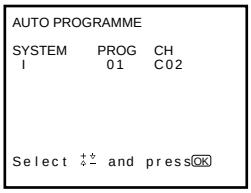
2 Move the cursor (z) to “PROGRAMME PRESET” with + or – and press OK.
The PROGRAMME PRESET menu appears.



3 Move the cursor (z) to “AUTO PROGRAMME” with + or – and press OK.
The AUTO PROGRAMME menu appears.



4 Press OK.
The programme number you previously watched appears in red in the “PROG” position.
Using + or – , select the programme number from which you want to start presetting except the programme number 00 and press OK.
The CH position turns red.



5 Select the channel with + or – and press OK.
The video TV starts scanning and presetting a receivable channel from the programme number selected in step 4.
The preset programme and channel numbers are displayed on the screen in sequence. When presetting is finished, the original screen appears. All available channels are now stored on successive number buttons.

The preset programme and channel numbers are displayed on the screen in sequence. When presetting is finished, the original screen appears. All available channels are now stored on successive number buttons.

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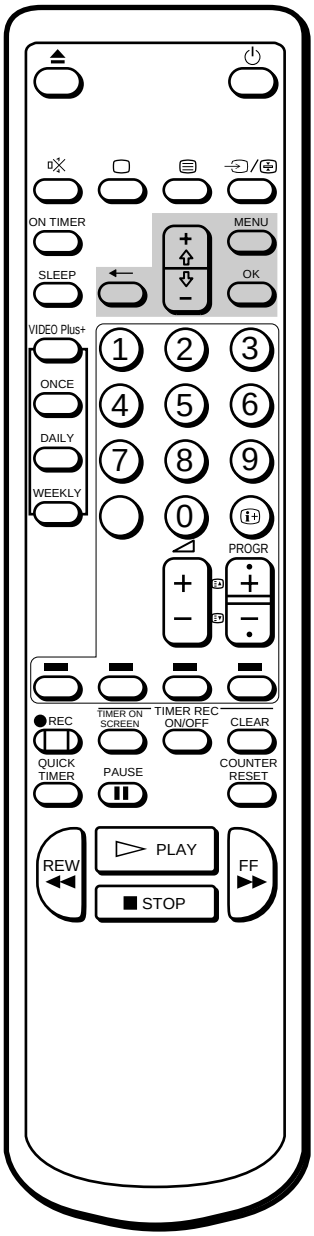
Presetting Channels Manually



1 Press MENU to display the main menu.

2 Move the cursor (z) to “PROGRAMME PRESET” with + or – and press OK.
The PROGRAMME PRESET menu appears.

```
PROGRAMME PRESET

▶AUTO PROGRAMME
  MANUAL PROGRAMME
  SET UP GUIDE CH



Select ↕ and press OK
```

3 Move the cursor (z) to “MANUAL PROGRAMME” with + or – and press OK.
The MANUAL PROGRAMME menu appears.

```
MANUAL PROGRAMME

PRG SYS  CH   LABEL AFT   D
▶ 1 I    C02  ----- ON    –
  2 I    C04  ----- ON    –
  3 I    C06  ----- ON    –
  4 I    C12  ----- ON    –
  5 I    S06  ----- ON    –
  6 I    S24  ----- ON    –

Select ↕ and Press OK
```

4 Using + or – , move the cursor (z) to the programme position (number button) to which you want to preset the channel, and press OK.
The SYS position turns red.

```
MANUAL PROGRAMME

PRG SYS  CH   LABEL AFT   D
  1 I    C02  ----- ON    –
  2 I    C04  ----- ON    –
▶ 3 I    C06  ----- ON    –
  4 I    C12  ----- ON    –
  5 I    S06  ----- ON    –
  6 I    S24  ----- ON    –

Select ↕ and Press OK
```

5 Select the system with + or – and press OK.
The CH position turns red.

6 Select the channel you want to preset with + or – and press OK.

7 The video TV starts scanning receivable channels. When the channel is found, it stops. If you want to preset this channel, press OK. If not, press + or – to search for another channel.

8 Repeat steps 4 and 5 to preset other channels.

9 After you finish presetting, press MENU to go back to the original screen.

For programme positions beyond 6

The display scrolls by pressing – repeatedly.

If you have made a mistake

Press ? to go back to the previous position.

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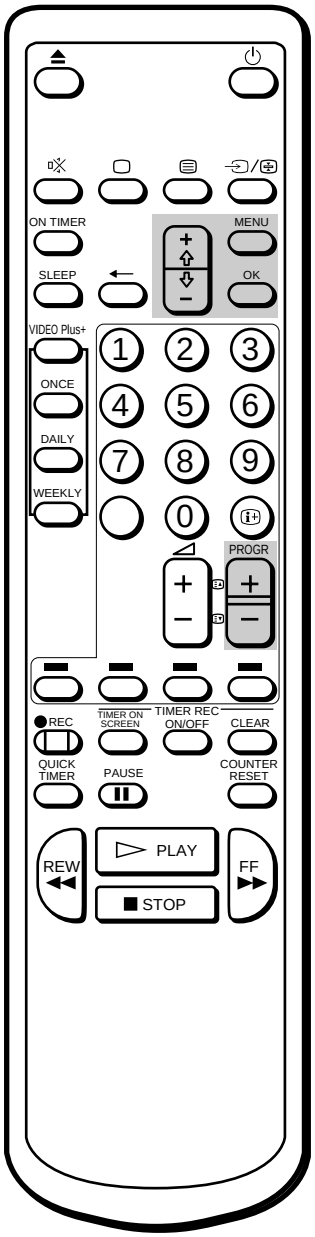

For programme positions beyond 6

The display scrolls by pressing – repeatedly.

Skipping Programme Positions

You can skip unused programme positions when selecting programme with PROGR +/– buttons. However, the skipped programmes may still be called up when you select them with the number buttons.

1 Press MENU to display the main menu.

2 Move the cursor (z) to “PROGRAMME PRESET” with + or – and press OK.
The PROGRAMME PRESET menu appears.

3 Move the cursor (z) to “MANUAL PROGRAMME” with + or – and press OK.
The MANUAL PROGRAMME menu appears.

4 Using + or – , move the cursor (z) to the programme position which you want to skip and press OK.
The “SYS” position turns red.

```
MANUAL PROGRAMME

PRG SYS  CH  LABEL AFT   D
▶ 1 I    C02 ----- ON    –
  2 I    C04 ----- ON    –
  3 I    C06 ----- ON    –
  4 I    C12 ----- ON    –
  5 I    S06 ----- ON    –
  6 I    S24 ----- ON    –

Select ↕ and Press OK
```

5 Press + or – until “---” appears in the “SYS” position and press OK.

```
MANUAL PROGRAMME

PRG SYS  CH  LABEL AFT   D
  1 I    C02 ----- ON    –
  2 I    C04 ----- ON    –
▶ 3 ---  C06 ----- ON    –
  4 I    C12 ----- ON    –
  5 I    S06 ----- ON    –
  6 I    S24 ----- ON    –

Select ↕ and Press OK
```

When you select programmes using the PROGR +/– buttons, the programme position is skipped.

6 Repeat steps 4 and 5 to skip other programme positions.

7 Press MENU to go back to the original screen.

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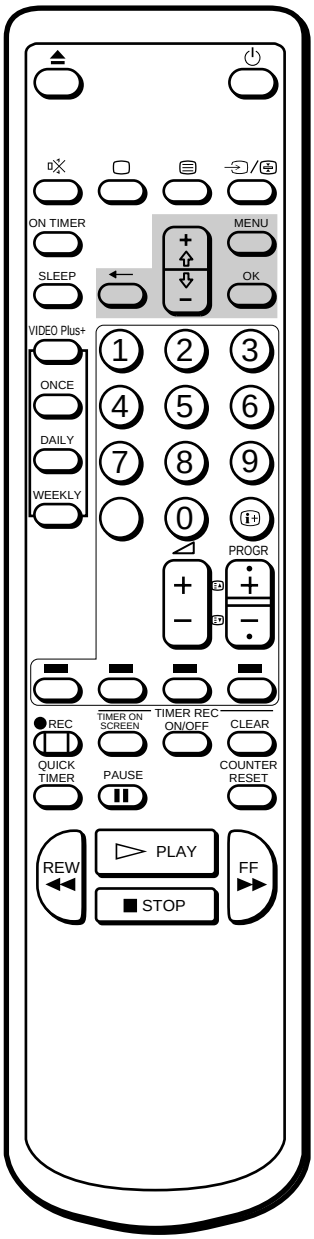
Captioning a TV Station Name



If you have made a mistake

Press ? to go back to the previous position.

You can name a channel using up to five characters (letters or numbers) to be displayed on the TV screen (e.g. MTV). Using this function, you can easily identify which channel you are watching.

1 Press MENU to display the main menu.

2 Move the cursor (z) to “PROGRAMME PRESET” with + or – and press OK.
The PROGRAMME PRESET menu appears.

3 Move the cursor (z) to “MANUAL PROGRAMME” with + or – and press OK.
The MANUAL PROGRAMME menu appears.

MANUAL PROGRAMME

PRG	SYS	CH	LABEL	AFT	D
▶ 1	I	C02	-----	ON	–
2	I	C04	-----	ON	–
3	I	C06	-----	ON	–
4	I	C12	-----	ON	–
5	I	S06	-----	ON	–
6	I	S24	-----	ON	–

Select ↕ and Press OK

4 Using + or – , move the cursor (z) to the programme position you want to caption and press OK repeatedly until the first element of the “LABEL” position turns red.

5 Select a letter or number with + or – and press OK.
The next element turns red. Select other characters in the same way. For the element you want to leave blank, select “-” and press OK.

MANUAL PROGRAMME

PRG	SYS	CH	LABEL	AFT	D
1	I	C02	-----	ON	–
2	I	C04	-----	MTV	–
3	I	C06	-----	ON	–
4	I	C12	-----	ON	–
5	I	S06	-----	ON	–
6	I	S24	-----	ON	–

Select ↕ and Press OK

6 After selecting all the characters, press OK repeatedly until the cursor appears. Now the caption you chose is stored.

7 Repeat steps 4 to 6 to caption other channels.

8 Press MENU to go back to the original screen.

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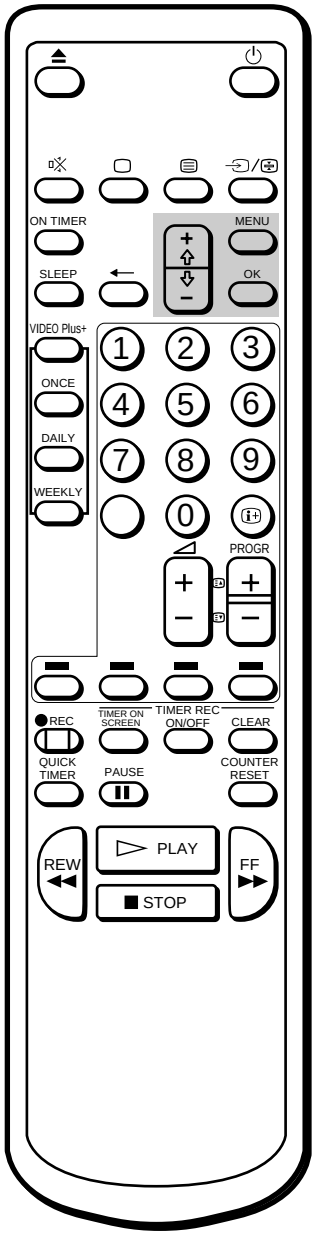

To reactivate automatic fine-tuning (AFT)

Repeat from the beginning and select “ON” in step 5.

Manual Fine-Tuning

Normally, the automatic fine-tuning (AFT) is already working. However, if the picture of a programme is distorted, you can use the manual fine-tuning function to obtain better picture reception.

GB

1 Press MENU to display the main menu.

2 Move the cursor (z) to “PROGRAMME PRESET” with + or – and press OK.
The PROGRAMME PRESET menu appears.

3 Move the cursor (z) to “MANUAL PROGRAMME” with + or – and press OK.
The MANUAL PROGRAMME menu appears.

4 Using + or – , move the cursor (z) to the programme position which you want to manually fine-tune, and press OK repeatedly until the AFT position turns red.

MANUAL PROGRAMME

PRG	SYS	CH	LABEL	AFT	D
1	I	C02	-----	ON	–
2	I	C04	-----	ON	–
▶ 3	I	C06	-----	ON	–
4	I	C12	-----	ON	–
5	I	S06	-----	ON	–
6	I	S24	-----	ON	–

Select ↕ and Press OK

5 Fine-tune the channel while holding down + or – so that you get the best TV reception. As you press these buttons, the frequency changes from –15 to +15.

MANUAL PROGRAMME

PRG	SYS	CH	LABEL	AFT	D
1	I	C02	-----	ON	–
2	I	C04	-----	ON	–
▶ 3	I	C06	-----	–3	–
4	I	C12	-----	ON	–
5	I	S06	-----	ON	–
6	I	S24	-----	ON	–

Select ↕ and Press OK

6 After fine-tuning, press OK.
The cursor (z) appears. The fine-tuned level is now stored.

7 Repeat steps 4 to 6 to fine-tune other channels.

8 Press MENU to go back to the original screen.

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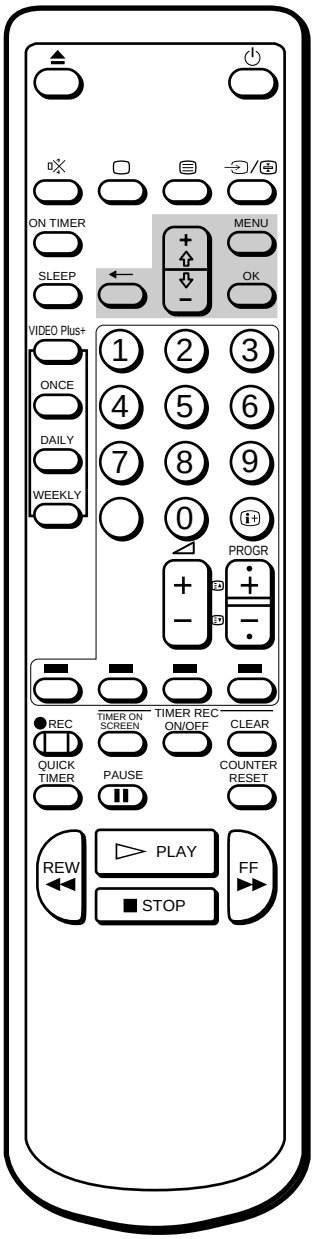


Setting a Pay-TV channel

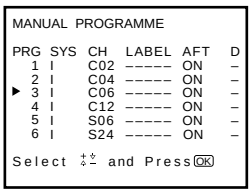
You can watch the Pay-TV channel by connecting a Pay-TV decoder to the W connector on the rear of the video TV.

1 Press MENU to display the main menu.

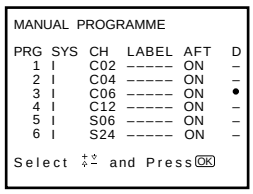
2 Move the cursor (z) to “PROGRAMME PRESET“ with + or – and press OK.
The PROGRAMME PRESET menu appears.

3 Move the cursor (z) to “MANUAL PROGRAMME“ with + or – and press OK.
The MANUAL PROGRAMME menu appears.

4 Move the cursor (z) to the programme position to which you want to set a pay-TV decoder, and press OK until the D position turns red.



5 Press + or – until r appears in the D position and press OK.



6 Press MENU to go back to the original screen.

Note

During recording the signal of a programme to which the Pay-TV decoder is set, the signal of other programme positions cannot be decoded.

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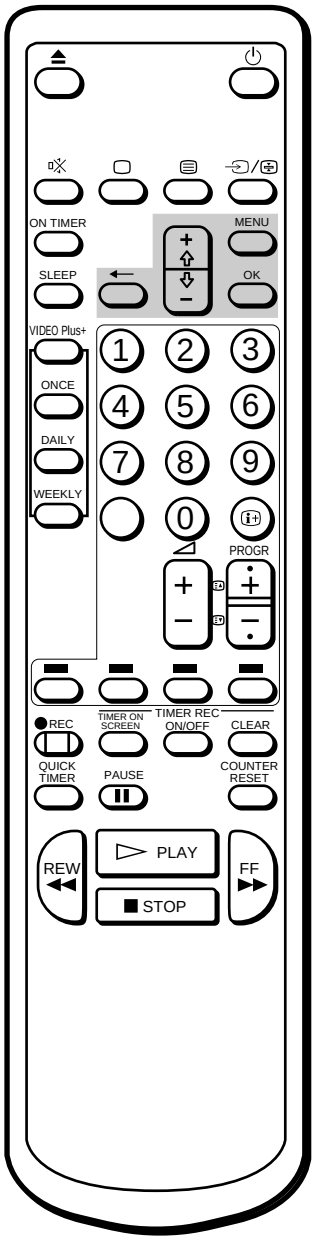
Step 4 — Setting up Video Plus+



If you have made a mistake

Press ? to go back to the previous position.

VIDEO plus+ is a feature that simplifies programming the video TV to make timer recording. To use VIDEO plus+, each programme position needs to be matched with its VIDEO plus+ guide channel. To get the guide channel numbers, see "Guide channels for VIDEO plus+" on page 13, or look in the programme guide for your area that features PlusCodes.

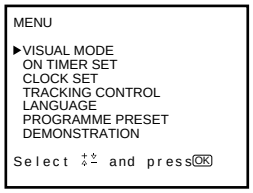
Before you begin

GB

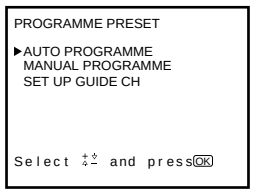
- If the u lamp on the video TV is lit in red, press ;, PROGR +/– or a number button on the Remote Commander.

Setting the Guide Channels

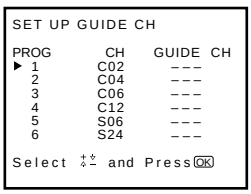
1 Press MENU to display the main menu.
The main menu appears.



2 Move the cursor (z) to "PROGRAMME PRESET" with + or – and press OK.
The PROGRAMME PRESET menu appears.



3 Move the cursor (z) to "SET UP GUIDE CH" with + or – and press OK.
The SET UP GUIDE CH menu appears.



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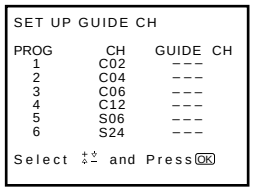
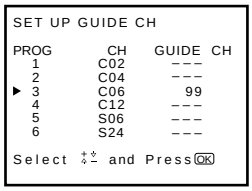
4 Using + or – , move the cursor (z) to the programme position (number button) to which you want to preset the guide channel, and press OK. The GUIDE CH position turns red.



5 Select the guide channel you want to preset with + or – , and press OK.



6 Repeat steps 4 and 5 to preset other channels.

7 After you finish presetting, press MENU to go back to the original screen.

Guide channels for VIDEO plus+

Guide channel	Station name
001	BBC1
002	BBC2
003	ITV
004	CHANNEL 4
005	RTE (IRELAND)
006	NETWORK 2 (IRELAND)
101	SKY ONE
102	SKY NEWS
103	SKY MOVIES
104	THE MOVIE CHANNEL
105	SKY SPORT
106	NICKELODEON
	VH-1 GERMANY
107	EUROSPORT
108	GALAVISION
109	MTV EUROPE
110	CHILDERN'S CHANNEL
	THE FAMILY CHANNEL
111	SKY MOVIES GOLD
112	BBC WORLD SERVICE
113	RTL 4
114	SUPER SPORT
	FILMNET 2
	FILMNET +
115	RTL PLUS INTERNATIONAL
116	SAT 1
117	PREMIERE
118	3 SAT
119	ARD
120	PRO 7
121	TELE 5

Guide channel	Station name
122	TELECLUB
123	UK GOLD
124	DISCOVERY
	THE LEARNING CHANNEL
125	BRAVO
	ADULT CHANNEL
126	CNN
127	EURONEWS
129	QVC
130	UK LIVING
131	RAI 1
132	RAI 2
133	TV5 EUROPE
134	TVE INTERNATIONAL
135	MBC / ARABIC
136	VTM
137	SPORTNET
138	COUNTRY MUSIC TV
139	VIDEO HITS ONE
	VH-1
140	SKY SPORT 2 & SOAPS & TRAVEL
141	TV ASIA
142	LA-5
143	LIVE TV
144	SUPERCHANNEL
145	JAPAN TV
146	SELECT TV
147	MOVIE CHANNEL FILMNET 1
149	TNT
	CARTOON NETWORK

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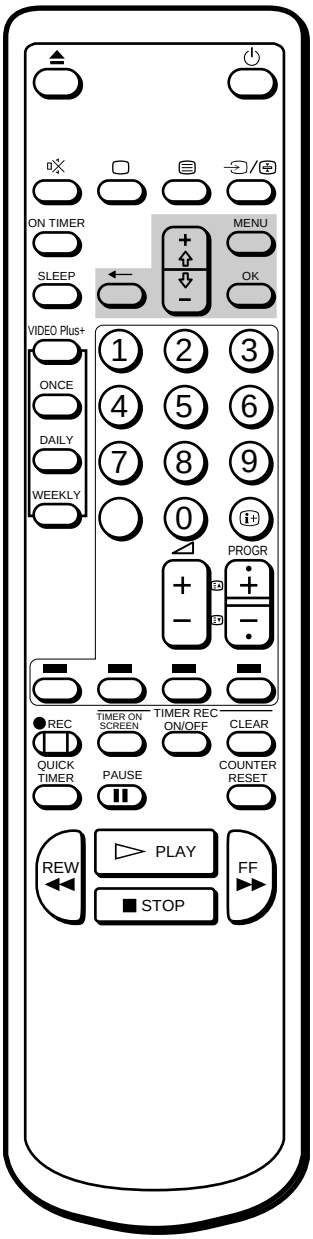
Step 5 — Setting the Clock



If you have made a mistake

Press ? to go back to the previous position.

If the clock has stopped and "--/--" is displayed

You have to re-set the clock.

You need to set the clock for using timer recording and quick-timer recording functions.

1 Press MENU to display the main menu.

```
MENU

▶VISUAL MODE
  ON TIMER SET
  CLOCK SET
  TRACKING CONTROL
  LANGUAGE
  PROGRAMME PRESET
  DEMONSTRATION

Select ↕ and press OK
```

2 Move the cursor (z) to "CLOCK SET" with + or – and press OK.
The CLOCK SET menu appears.

```
CLOCK SET
▶--. --. ---- --- --:--



press OK
```

3 Press OK to start setting the clock.
The day section turns red.

```
CLOCK SET
▶ 1. 1.1996 MON  0:00



press OK
```

4 Set the day with + or – and press OK.
The month section turns red.

```
CLOCK SET
  4. 1.1996 THU  0:00



Select ↕ and press OK
```

5 Using + or – and OK, set the month, year, hour and minute in the same way as in step 4.

```
CLOCK SET
  4.12.1996 WED 15:30



Select ↕ and press OK
```

6 After setting the minute, press OK.
The clock starts working.

7 Press MENU to go back to the original screen.

GB

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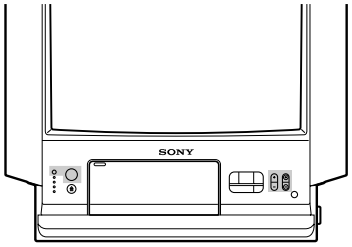
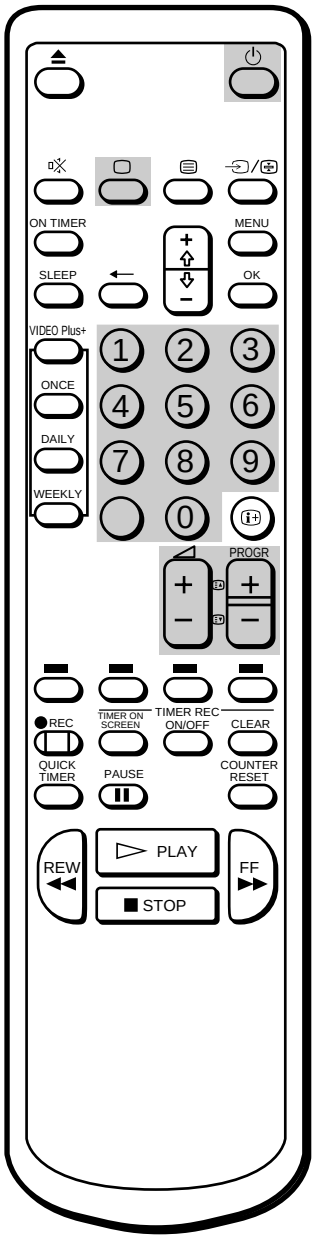
Watching the TV





This section explains the basic functions you use while watching the TV. Most of the operations can be done using the Remote Commander.

Switching the Video TV On and Off

GB

Switching on

Depress the U (MAIN POWER) switch on the right side of the video TV. Press ;, PROGR +/– or number buttons on the Remote Commander, or PROGR +/– on the video TV when the u lamp is lit in red.

Switching off temporarily

Press u.
The video TV enters standby mode and the u lamp on the front of the video TV lights up in red.

To switch on again

Press ;, PROGR +/– or number buttons on the Remote Commander, or PROGR +/– on the video TV.

To switch off the main power

Press the U switch on the video TV.

Selecting TV Programmes

Press PROGR +/– or number buttons on the Remote Commander, or PROGR +/– on the video TV.

To select a double-digit number using the number buttons

Press ÷, then the numbers.
For example, if you want to choose 14, press ÷, 1 and 4.

Adjusting the Volume

Press Á +/–.

Note

When the U switch is turned off, all the video operations also do not work.

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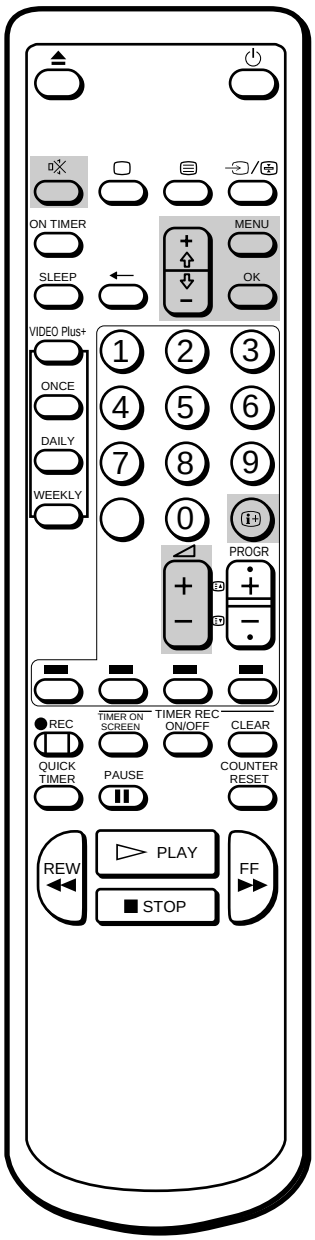


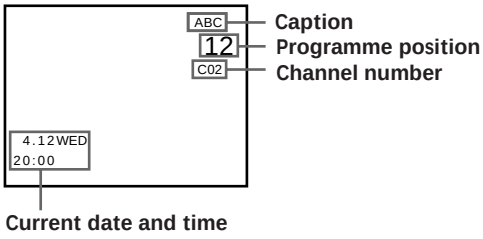
Muting the Sound

Press ¤.
The ¤ indicator appears and stays on the screen.
To resume normal sound, press ¤ again or Á +.

GB

Displaying the On-screen Information

Press ⓘ to display the following on-screen information.
To have the programme number, channel number and caption stay on the screen, press ⓘ again.
To make the indications disappear, press ⓘ until no indications are displayed on the screen.

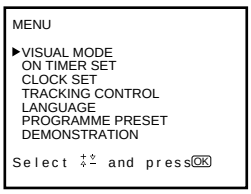


Adjusting the Picture

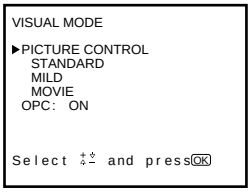
You can select one of four settings for picture effect in the menu. You can also adjust the picture to suit your own taste.

Selecting the picture effect

1 Press MENU to display the main menu.



2 Move the cursor (z) to VISUAL MODE with + or – and press OK.
The VISUAL MODE menu appears.



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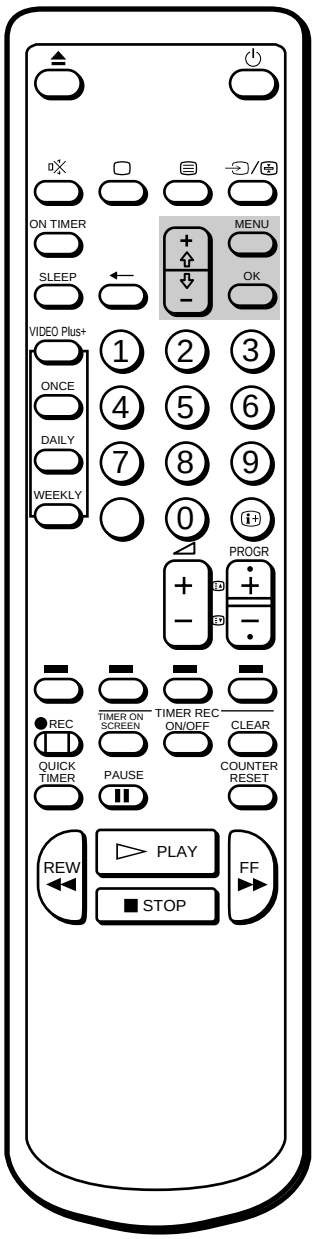


Note

The HUE adjustment is available only for the NTSC colour system.

3 Using + or –, select the setting you want and press OK. For the effect of each setting, see the table below.
The selected setting is stored.

Effect of each setting

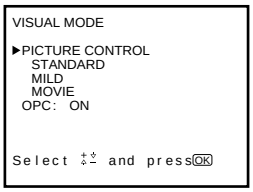
Setting	Picture effect
PICTURE CONTROL	The adjusted picture control levels are stored. (See "Adjusting the picture displayed on the screen.")
STANDARD	More contrast
MILD	Less contrast
MOVIE	Darker e.g. when watching a movie

4 Press MENU to go back to the original screen.

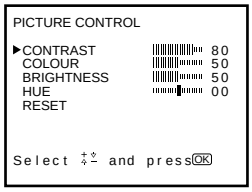
Adjusting the picture displayed on the screen

1 Press MENU to display the main menu.

2 Move the cursor (z) to VISUAL MODE with + or – and press OK.
The VISUAL MODE menu appears.



3 Move the cursor (z) to PICTURE CONTROL with + or – and press OK.
The PICTURE CONTROL menu appears.



4 Using + or –, select the item you want to adjust and press OK.

5 Adjust the picture with + or – and press OK.
With each press the vertical bars increase or decrease and the figure at the right margin changes to show the control level. (See the table on the next page.)

6 Repeat steps 4 and 5 to adjust other items.

GB

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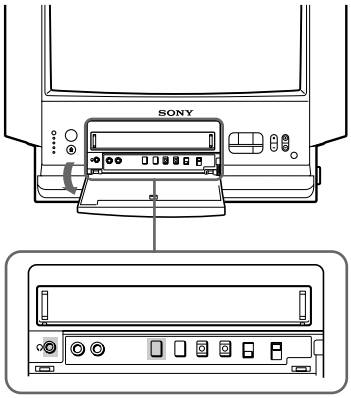
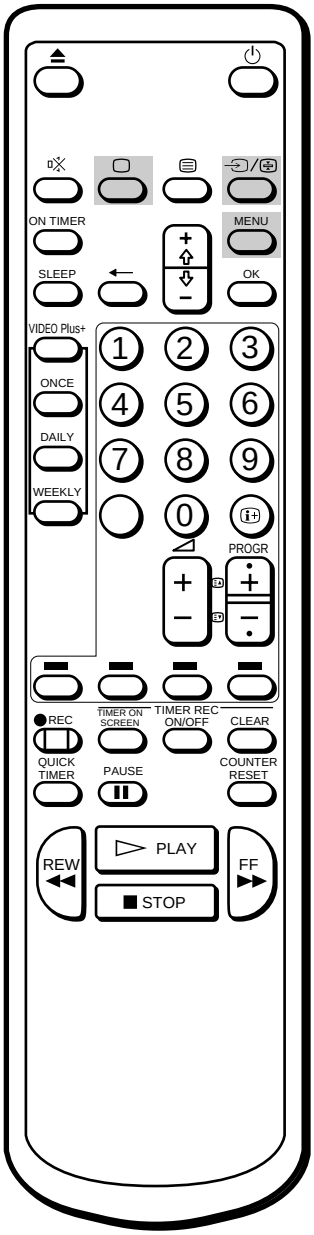


7 Press MENU to go back to the original screen.
The adjusted control levels are stored.

Effect of each control

PICTURE CONTROL	Effect
CONTRAST	Less ····· More
COLOUR	Less ····· More
BRIGHTNESS	Darker ····· Brighter
HUE	Greenish ····· Reddish
RESET	Resets all the items to the factory preset levels.



Watching Line Input

Press … repeatedly until the desired input indicator appears.
To go back to the normal TV picture, press … until the programme position appears, or press ; on the Remote Commander once. For details of the video input picture, see page 38.

Listening with Headphones

Plug the headphones (not supplied) to the 2 (headphones) jack inside the front panel on the video TV.
The sound from the speaker is shut off.

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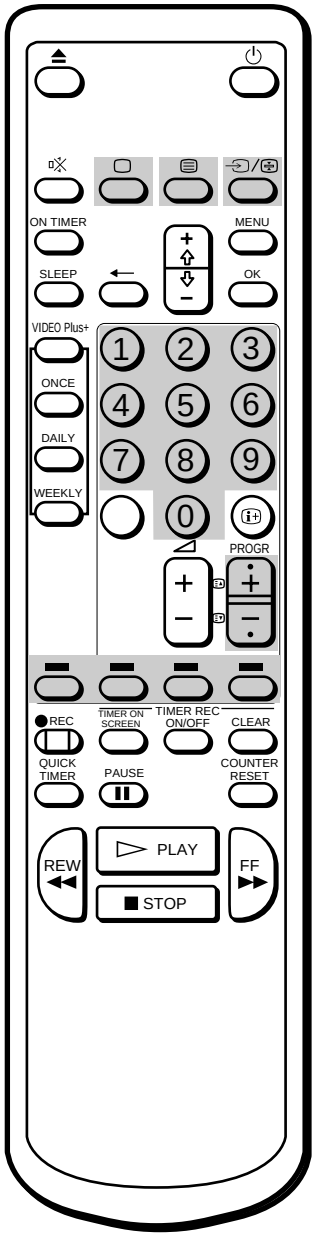
Viewing Teletext



TV stations broadcast an information service called Teletext via the TV channels. The teletext service allows you to receive various information such as weather forecasts or news at any time.

Switching Teletext on and off

GB

1 Select the TV channel which carries the Teletext service you want to watch.

2 Press V to display Teletext.
A Teletext page (normally the index page) is displayed. If there is no Teletext broadcast, the indication P100 is displayed on a black screen.

3 Press the number buttons to enter the three-digit of the Teletext number you want.
The numbers are displayed on the screen and the requested page appears in a few seconds.
If you have made a mistake, type in any three digits, then re-enter the correct page number.

4 Press ; to return to the TV mode.

Using Fasttext

This feature allows you to access a Teletext page with one button press. When a Fasttext page is broadcast, a colour-coded menu appears at the bottom of the screen. The colours of the menu correspond to the red, green, yellow and blue buttons on the Remote Commander. These coloured buttons functions as the fasttext buttons in Teletext mode.

Press the coloured button which corresponds to the colour-coded menu. The page is displayed after a few seconds.

To change the teletext channel

- First press ; to return to the TV mode, then repeat steps 1 to 3.
- If the signal of a TV channel is weak, teletext errors may occur.

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Accessing the next or preceding page

Press (PROGR +/–/ /).
The next or preceding page appears on the screen.

Superimposing a Teletext page on the TV picture

Each time you press V, the screen changes as follows:

n Teletext n Teletext and TV

Preventing a Teletext page from being updated or changed

A Teletext page may consist of several subpages. You can stop the page scrolling in order to read the text at your own pace.

Press ⊜ (HOLD).
The symbol ⊜ appears on the screen and the selected subpage is held.

Press ⊜ again to return normal Teletext operation.

GB

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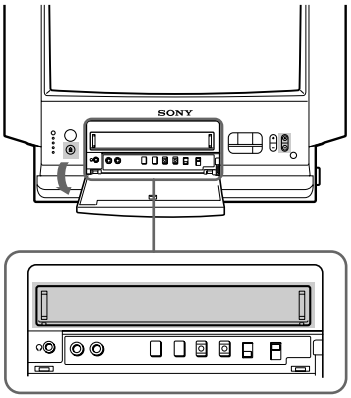
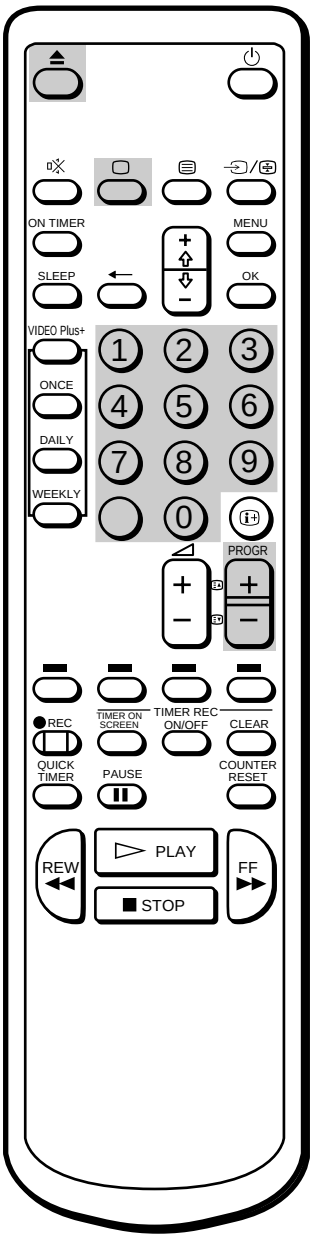
Playing a Tape





This section shows you how to insert a cassette and to play it. More convenient functions you can use while playing a tape is shown in "Additional Operations" from page 34.

Inserting a Video Cassette

1 Press ;, PROGR +/– or number buttons on the Remote Commander, or PROGR +/– on the video TV when the u lamp is lit in red.

2 Open the front panel on the video TV.

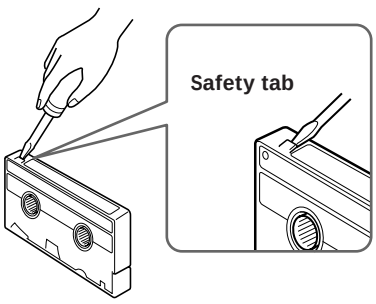
3 Gently press the centre of the front side of a cassette with the arrow indication facing upwards. The cassette is automatically loaded into the cassette compartment.
The Ò indicator appears on the screen and stays until the cassette has been loaded.
The video TV turns on automatically when it is in standby mode. If you insert a cassette with its safety tab removed, playback starts.

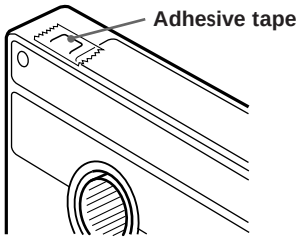
Ejecting a Video Cassette

Press EJECT 6 on the video TV or 6 on the Remote Commander.
The Ò indicator appears and stays until the cassette is ejected.
You can eject the cassette even if the power is off.

Protecting Your Cassette against Accidental Erasure

The cassette is provided with a safety tab to protect against accidentally erasing a previous recording. Break off the safety tab with a screw driver or a similar tool.
If the safety tab is removed, the cassette is ejected when you try to record on it.
To record on a cassette with the safety tab broken off, simply cover the tab hole with adhesive tape.





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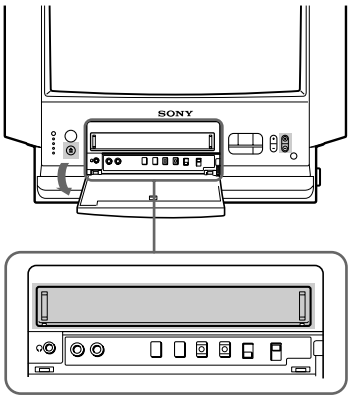

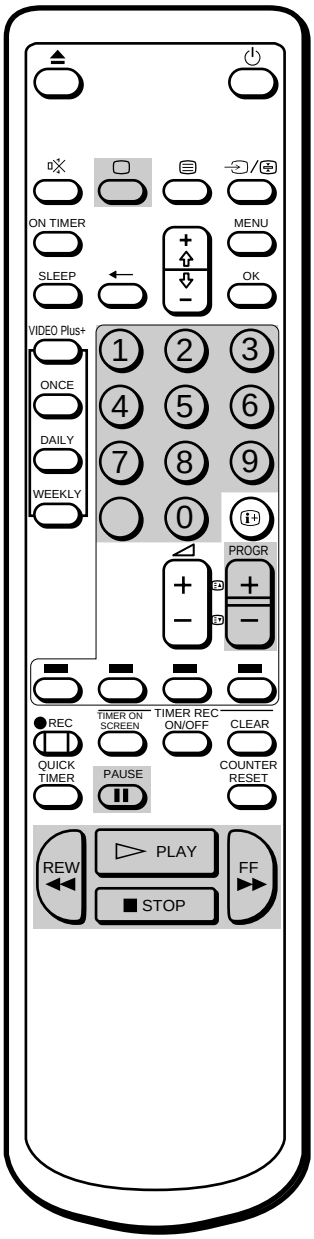

Playing a Tape

1 Press ;, PROGR +/– or number buttons on the Remote Commander, or PROGR +/– on the video TV when the u lamp is lit in red.

2 Insert a cassette.
If you insert a cassette with its safety tab removed, playback starts automatically.

3 Set the COLOUR SYSTEM switch to conform to the colour system of the tape to be played. Normally, set it to AUTO. If streaks appear when playing a tape, switch it to select the colour system.
PAL: to play a tape recorded in PAL colour system
NTSC: to play a tape recorded in NTSC colour system

4 Press PLAY ·.
Playback starts. On-screen information is displayed for some seconds.

To stop playback

Press STOP p.
The video TV goes back to the normal TV picture.

To stop playback for a moment

Press PAUSE P. The picture pauses.
Press PAUSE P again or press PLAY · to resume playback.
If you leave your video TV in pause mode, normal playback resumes after about 5 minutes to protect the quality of video tapes.

To fast forward the tape

Press STOP p, then press FF).

To rewind the tape

Press STOP p, then press REW 0.

To search a tape at high speed

During playback, press and hold REW 0 (rewind) or FF) (fast forward).
A high-speed picture appears on the TV screen.
To resume normal playback, release the button.

To view the picture in fast forward or rewind mode

Press and hold FF) during fast forward or REW 0 during rewind.
While you hold the button, you can view the picture.
When you release the button, fast forward or rewind mode is resumed.

GB

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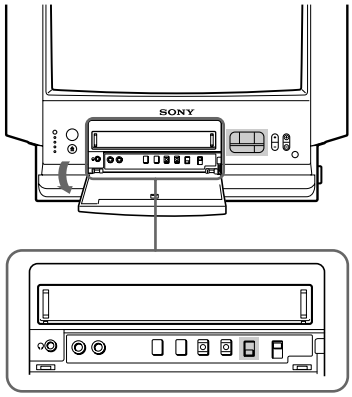
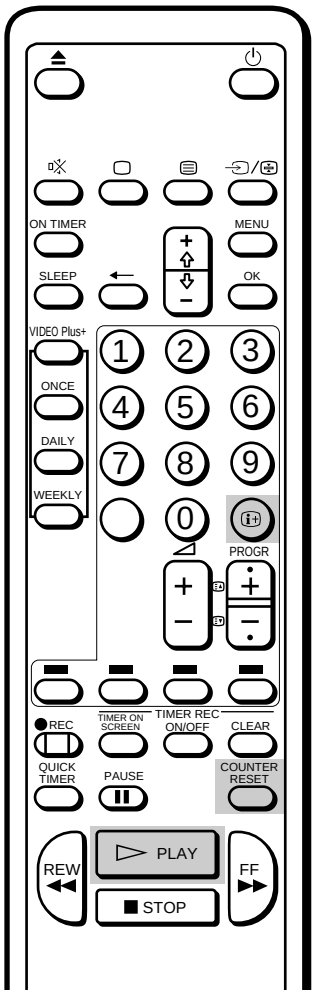




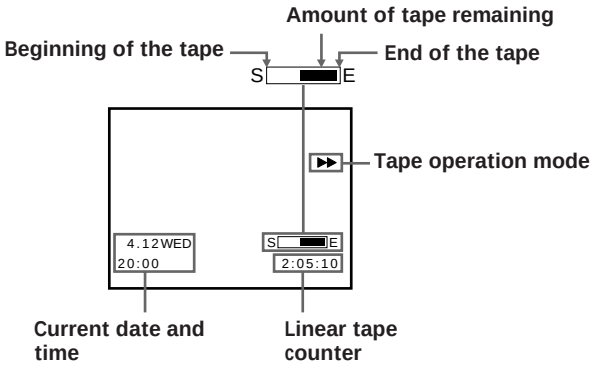
Playing a Tape Repeatedly (Auto Repeat)

You can play the recorded portion of the tape repeatedly.
Set the AUTO REPEAT switch on the video TV to ON, and press PLAY ·.
Playback starts. When the tape reaches the end, the video TV rewinds the tape to the beginning, then plays it.

GB

Displaying the on-Screen Indications

Press i+ to display the following on-screen information. To show only the amount of tape remaining and linear tape counter on the screen, press i+ again.
To make the indications disappear, press i+ until no indications appear.



Resetting the Tape Counter

The tape counter helps you to locate a certain scene after playback. Press COUNTER RESET on the Remote Commander to set the counter to "0:00:00" before playing the tape. The tape counter is automatically reset to "0:00:00" whenever a cassette is inserted. The video TV keeps counting the length of the tape being played. Note, however, that the tape counter does not count the portions without video signals recorded.

Note

The tape operation mode will be displayed whenever you change the mode (even when the i+ is turned off.)

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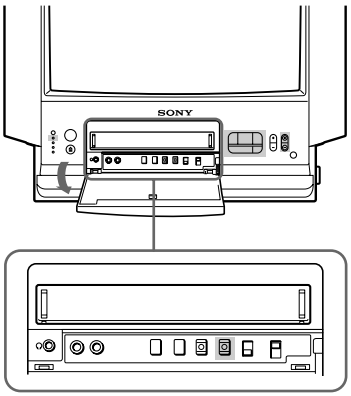
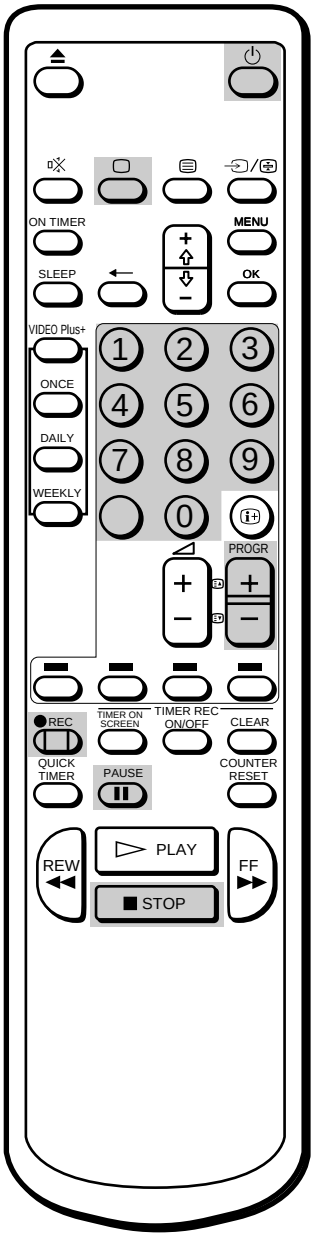
Recording TV Programmes





Recording TV Programmes

1 Press ;, PROGR +/– or number buttons on the Remote Commander, or PROGR +/– on the video TV when the u lamp is lit in red.

2 Insert a cassette with a safety tab.

3 Select the programme position with PROGR +/–. You can also use number buttons on the Remote Commander. For double-digit numbers (e.g.14), first press ÷, then press 1 and 4.

4 Press REC r.
The REC lamp on the front of the video TV lights up and recording begins.

To stop recording

Press STOP p.
When the tape reaches the end, the video TV rewinds the tape automatically to the beginning, then stops. This function does not work when the power of the video TV is off.

To pause recording

Press PAUSE P.
To resume recording, press PAUSE P again.

You can cut out an unwanted scene during recording with this button.

1 Press PAUSE P when an unwanted scene appears on the screen. Recording pauses.
2 Press PAUSE P again to release the pause mode at the desired scene. Recording resumes from the point set in step 1.

When the recording pause mode lasts for about 5 minutes, the video TV stops recording to protect the quality of video tapes.

Recording with the TV Off

Press u.
The TV screen is turned off and the u lamp lights up.
The video TV continues recording.

Watching a TV programme while recording another

You can watch a TV programme and record another at the same time.

Select the desired programme position with PROGR +/– or the number buttons on the Remote Commander or PROGR +/– on the video TV.

GB

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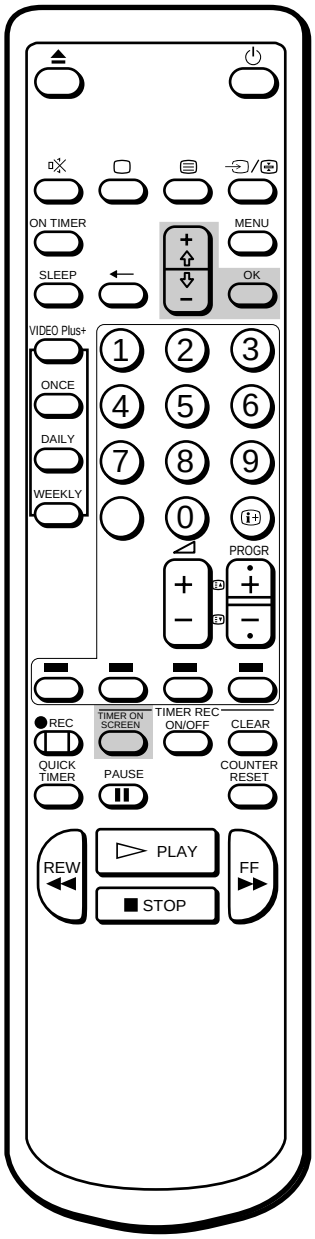
Recording TV Programmes Using the Timer



The Timer Recording function allows you to preset your video TV to record up to six programmes within a one-month period.

Before you begin

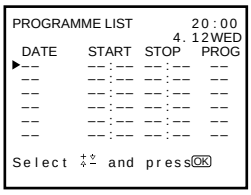
- Press ;, PROGR +/– or number buttons on the Remote Commander, or PROGR +/– on the video TV to switch on the video TV.
- Make sure that the time and date clock are set. If not, the message "Please set the clock" is displayed on the screen. Refer to "Setting the clock" on page 15.
- Make sure that the loaded cassette has its safety tab. If a cassette without safety tab is loaded, the message "Tape with safety tab is required for recording" is displayed.

GB

Setting the Timer

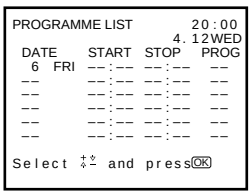
Example: Here is how to record a programme broadcast on programme position 26 from 20:15 to 21:55 on Friday, 6th December 1996.

1 Press TIMER ON SCREEN.
The PROGRAMME LIST appears.

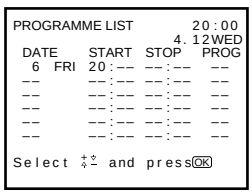


2 Press OK.
Today's date coloured red appears.

3 Press + until "6 FRI" appears.
For daily and weekly recording see "Daily / weekly recording" on page 28.



4 Press OK, then set the hour of the recording start time to "20" with + or – .



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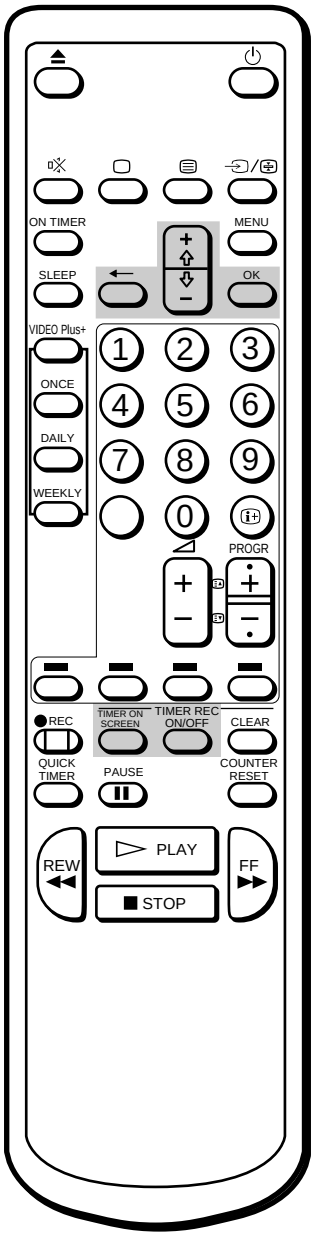
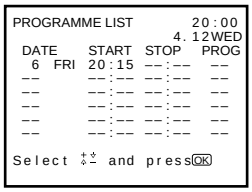
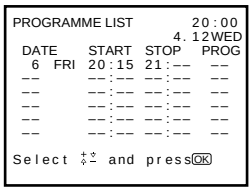


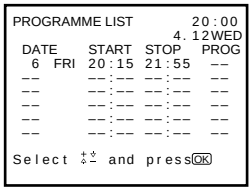
5 Press OK, then set the minute of the recording start time to “15” with + or – .



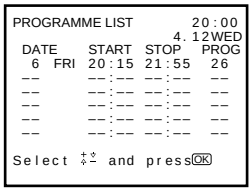
6 Press OK, then set the hour of the recording stop time to “21” with + or – .



7 Press OK, then set the minute of the recording stop time to “55” with + or – .



8 Press OK, then set the programme position to “26” with + or – .



9 Press OK.
The cursor (z) appears at the left margin.

10 When you want to set other programmes, press – to move down the cursor to the next line, then repeat steps 2 to 9.

11 Press TIMER REC ON / OFF.
The TIMER REC lamp on the front of the video TV lights up and the video TV enters timer recording standby mode.

Press TIMER ON SCREEN to erase the PROGRAMME LIST.
Press u to turn the video off TV if you do not want to watch the TV.
The video TV turns on automatically and starts recording at the preset start time, and goes off at the preset stop time.

If you have made a mistake during timer setting

Press ? to go back to the previous position and correct the setting.

If you try to enter the recording start time prior to the current time

All the items of the setting will be erased.

If you try to do incorrect operation

The video TV displays a message on the screen to interrupt your setting.

If you turn the U switch off

The TIMER REC buttons do not fonction.

GB

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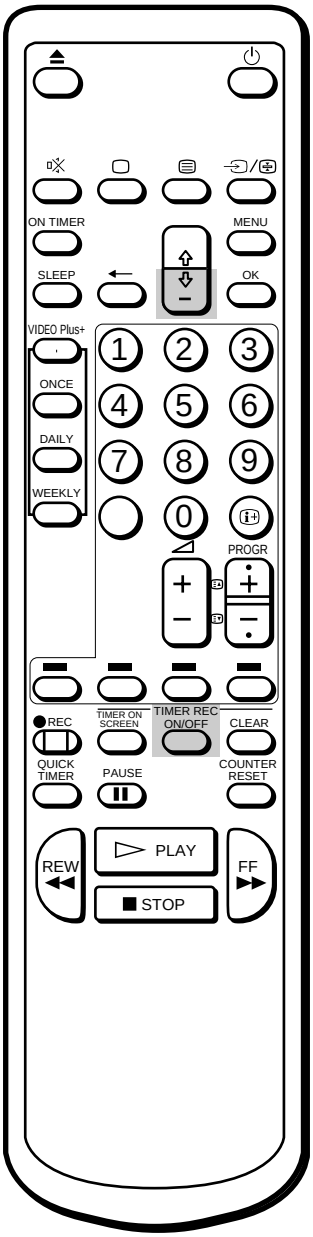

Daily/weekly recording

You can preset your video TV to record the same programme every day of the week (daily recording) or the same programme on the same day every week (weekly recording). Press – in step 3 until the desired setting appears in the "DATE" position. With each press, the setting changes as follows:

4 (today) n MON–SUN n MON–SAT n MON–FRI n EVERY SAT n EVERY FRI n EVERY THU n EVERY WED n EVERY TUE n EVERY MON n EVERY SUN n 3 (next month) n 2.....

To stop timer recording

Press TIMER REC ON / OFF.
The TIMER REC lamp turns off.

Using the Video TV before Timer Recording Starts

You can watch a TV programme, check the timer settings and reset the counter in timer recording standby mode. However, press TIMER REC ON / OFF to turn off the TIMER REC lamp on the front of the video TV to do the following operations:

- ejecting the cassette
- using the tape operation buttons
- changing or cancelling the timer settings

Remember to press TIMER REC ON / OFF again to make the TIMER REC lamp light after the above operations.

GB

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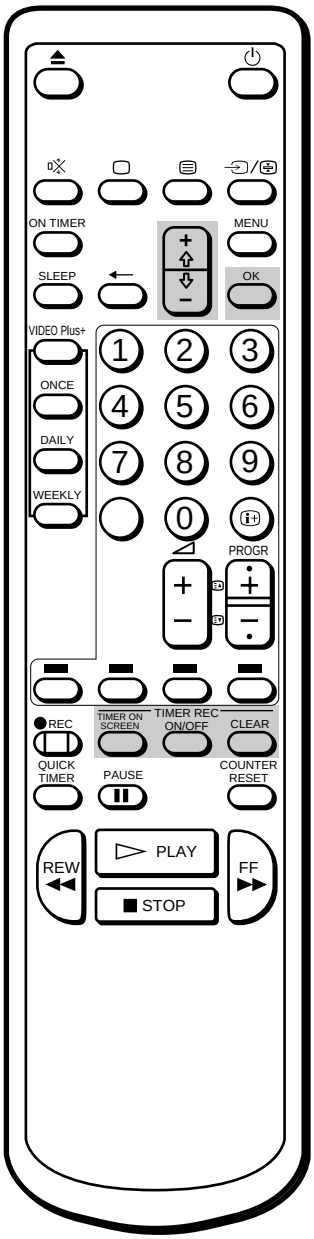

Checking the Timer Settings

You can display the list of the timer settings which you preset.

Press TIMER ON SCREEN.
The PROGRAMME LIST appears.

```
PROGRAMME LIST          20:00
                      4.12WED
 DATE     START  STOP   PROG
▶ 6 FRI  20:15  21:55    26
  7 SAT   8:30  10:15    50
 MON-SAT 23:00   0:00     1
 EVERYSUN  9:55  12:30    12
 --       --:--  --:--   --
 --       --:--  --:--   --

Select ↕ and press OK
```

Press TIMER ON SCREEN again to erase the PROGRAMME LIST.

Changing or Canceling the Timer Settings

1 Press TIMER REC ON / OFF to turn off the TIMER REC lamp on the front of the video TV.

2 Press TIMER ON SCREEN to display the PROGRAMME LIST.

3 Select the setting you want to change or cancel with + or – .

```
PROGRAMME LIST          20:00
                      4.12WED
 DATE     START  STOP   PROG
  6 FRI  20:15  21:55    26
▶ 7 SAT   8:30  10:15    50
 MON-SAT 23:00   0:00     1
 EVERYSUN  9:55  12:30    12
 --       --:--  --:--   --
 --       --:--  --:--   --

Select ↕ and press OK
```

4 **To change the setting**
Using + or – and OK, re-enter all the items.
Refer to “Setting the timer” steps 2 to 9 on pages 26 and 27.

To cancel the setting
Press TIMER REC CLEAR.

5 Press TIMER ON SCREEN to go back to the original screen.

6 If there are other timer settings on the list, press TIMER REC ON / OFF to set the video TV to timer recording standby mode.

GB

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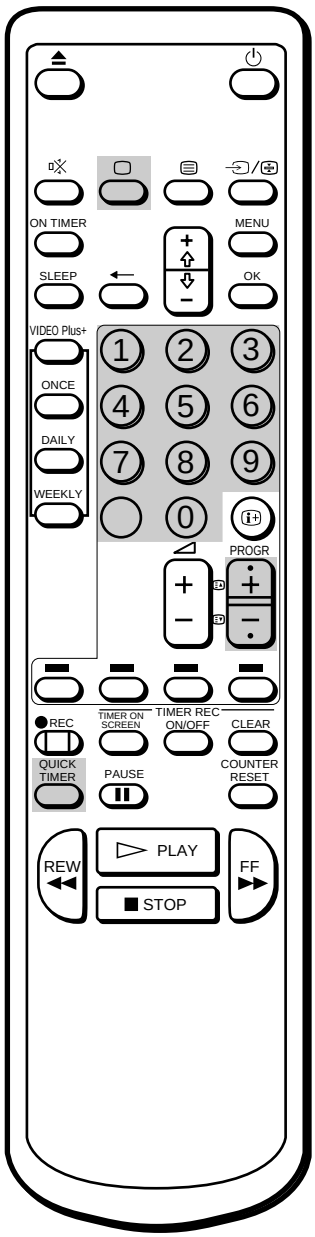

Recording Using the Quick-Timer

You can preset your video TV to start timer recording immediately and to automatically stop recording after a specific time period.
If you have not set the clock, quick-timer recording cannot be done.

GB

If you are recording

1 Press QUICK TIMER on the Remote Commander.
The "QUICK TIMER 0:00" appears on the screen.

2 Press QUICK TIMER repeatedly to select the recording time period. With each press, the time period changes as follows:

0:00 → 0:30 → 1:00 → .... → 3:30 → 4:00

Even if you switch off the video TV, it continues recording. After the selected time period has elapsed, recording stops automatically.

If you are not recording

1 Press ;, PROGR +/– or number buttons on the Remote Commander, or PROGR +/– on the video TV to switch it on.

2 Insert a cassette with its safety tab.

3 Select the programme position which you want to record.

4 Press QUICK TIMER on the Remote Commander.
The "QUICK TIMER 0:00" appears on the screen.

5 Press QUICK TIMER repeatedly to select the recording time period. With each press the time period changes as follows:

0:00 → 0:30 → 1:00 → .... → 3:30 → 4:00

The time period turns yellow and recording starts.
Even if you switch off the video TV, it continues recording.
When the preset time period has elapsed, the video TV stops recording.

To change the recording time period after quick-timer recording begins

Press QUICK TIMER until the desired time period appears.

To display the remaining time period during quick-timer recording

Press i+. The recording time period decreases minute by minute.

To stop quick-timer recording

Press TIMER REC ON / OFF.

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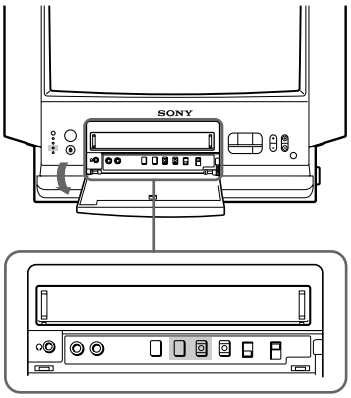

Timer Recording with PDC Signals

The German broadcasting system transmits PDC (Programme Delivery Control) signals with the TV programmes. These signals assure you that your timer recordings are made regardless of broadcast delays, early starts, or broadcast interruptions. For example, if an urgent news bulletin interrupts a regular programme, recording stops. As soon as the interrupted programme resumes, recording starts again.

1 If the TIMER REC lamp is lit on the front panel, press TIMER REC ON / OFF to turn it off.

2 Before setting the timer, press PDC on the inside of the front panel so that the PDC lamp lights up.

3 Set the timer following the steps in “Setting the timer” (pages 26 and 27).

Notes on PDC recording

- If you use PDC recording while watching the TV, the programme automatically changes to the timer recording programme and you cannot change programmes. Make sure to use PDC recording only when the video / TV set is in standby mode or in power switch off mode. If you watch the TV continuously, cancel the PDC timer recording.
- If recording times overlap due to a PDC time shift, the programme that was broadcast first has priority. Recording of the second programme begins when the first programme has finished.
- If the video TV could not receive a PDC signal because it was too weak or because the station failed to transmit PDC signals, timer recording is made without the PDC function.

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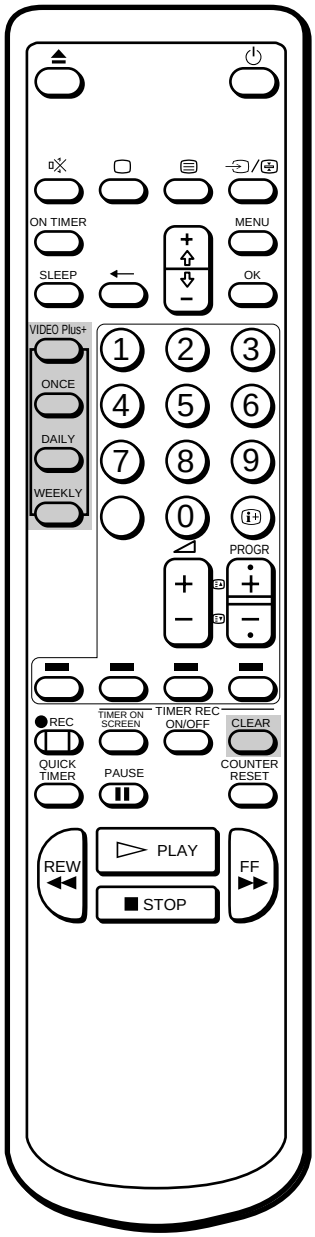
Recording TV programmes using VIDEO Plus+



If you have made a mistake entering programme's PlusCode

Press TIMER REC CLEAR and re-enter the correct number.

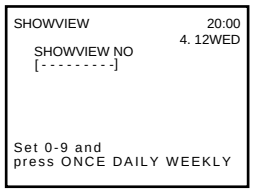
Just enter the programme's "PlusCode" listed in the TV programme guide. The date, times and programme position of that programme are set automatically.

Before you begin

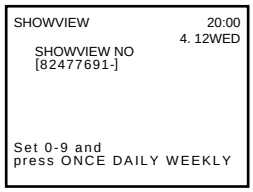
- Press ;, PROGR +/– or a number button on the Remote Commander, or PROGR +/– on the video TV to switch on the video TV.
- Make sure that the time and date clock are set correctly. If not, refer to "Setting the clock" on page 15.
- Make sure that the loaded cassette has its safety tab.

GB

1 Press VIDEO Plus+.
The SHOWVIEW menu appears.



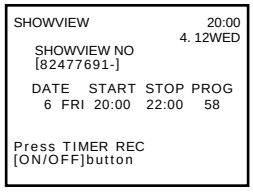
2 Press the number buttons to enter the desired programme's PlusCode.



3 Press ONCE, DAILY or WEEKLY you want to set.
For each setting, see table below.

To record the programme	Press
Only once	ONCE
Monday to Friday at the same scheduled time	DAILY
Every week at the same scheduled time	WEEKLY

The recording information appears: date, start and stop times, programme position number.



Check that the information is correct. If it is not, press TIMER CLEAR to cancel the setting.

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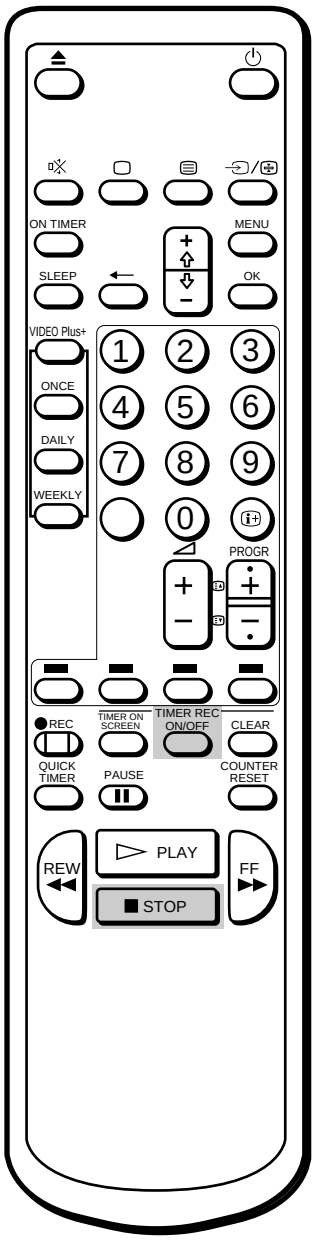

4 Repeat steps 2 and 3 to preset another timer setting.

5 Press TIMER REC ON.
The TIMER REC lamp on the front of the video TV lights up and the video TV enters timer recording standby mode.

To stop recording

To stop the video TV while recording a programme, press p STOP.

GB

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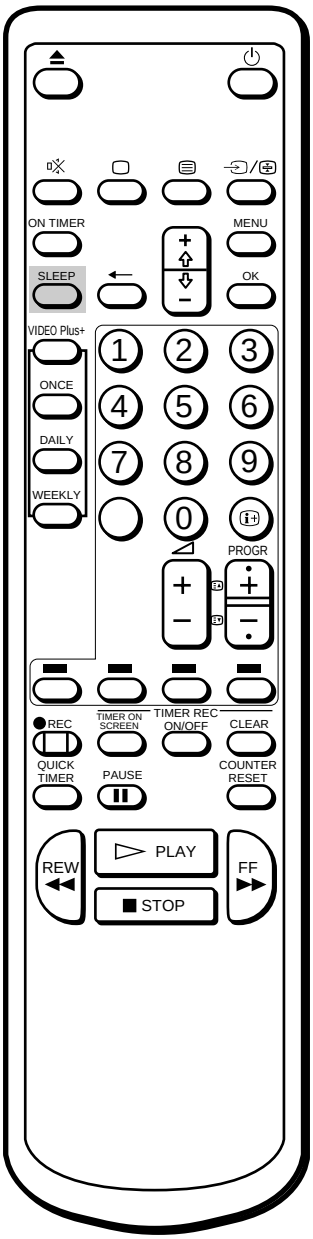
Switching off Automatically — Sleep Timer



You can automatically switches the video TV into standby mode after a selected time period.

Press SLEEP.
With each press, the time period (in minutes) changes as follows:

OFF → 30 → 60 → 90

One minute before the TV switches into standby mode, a message ‘‘Good night’’ is displayed on the screen.

GB

To cancel the timer

Press SLEEP to select “OFF”.

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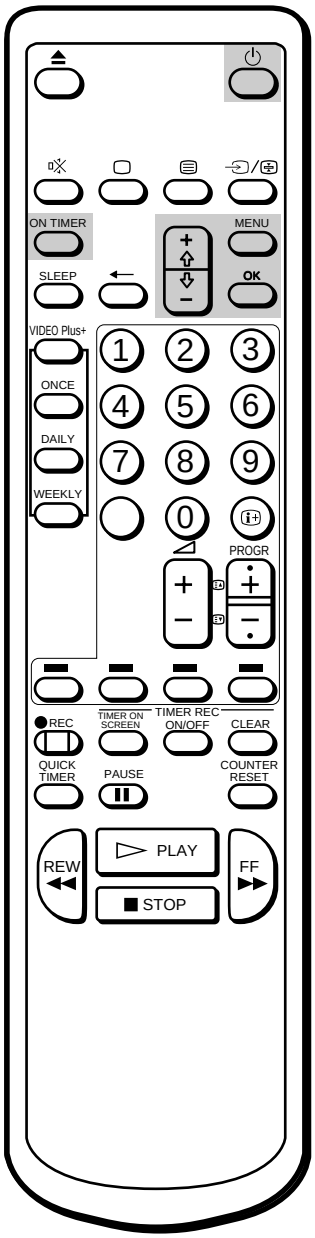
Switching on at Your Desired Time — On Timer



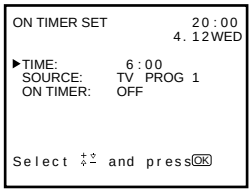
To erase the message

Press any button on the video TV or Remote Commander.

You can preset your video TV to automatically switch on at a desired time. You can select the TV programme or video playback to be switched on.

1 Press MENU to display the main menu.

2 Move the cursor (z) to “ON TIMER SET” with + or – and press OK.
The ON TIMER SET menu appears.



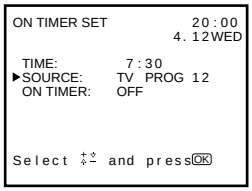
3 Press OK.
The timer setting hour section turns red.

4 Set the hour with + or – and press OK.
The minute section turns red.

5 Set the minutes (by one minute) with + or – and press OK.
The cursor appears beside “TIME.”

6 Move the cursor (z) to “SOURCE” with + or – and press OK.

7 Select TV or VCR (video playback) to be switched on with + or – and press OK.
When you select TV, select the programme position with + or – and press OK.



8 Move the cursor (z) to “ON TIMER” with + or – and press OK, then select ON with + or – and press OK.

9 Press MENU to go back to the original screen.

10 Press ON TIMER.
The ON TIMER lamp on the front of the video TV lights up.
If you are not using the video TV, press u to set the video TV in standby mode.

At the preset time, the video TV automatically switches on and a message “Good morning” is displayed for five minutes.
If you do not press any button for 2 hours, the video TV automatically shuts off.

GB

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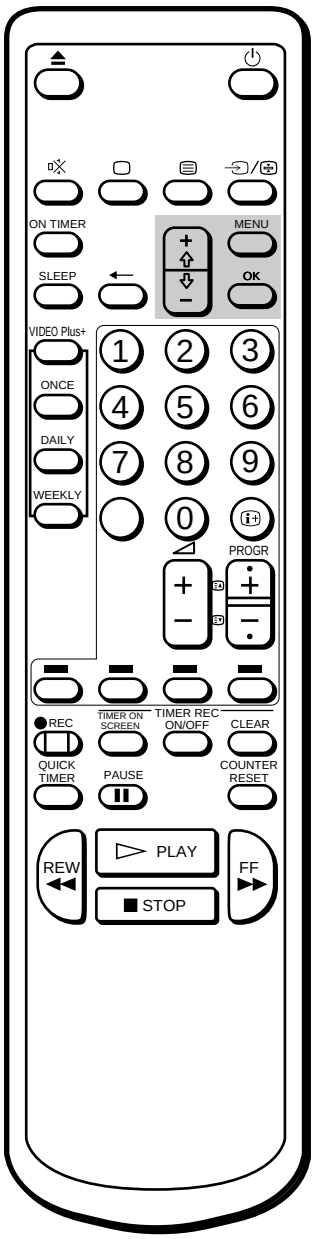
Enhancing Video Picture Quality



To go back to automatic tracking

Select AUTO in the TRACKING CONTROL menu with + or – and press OK.

Adjusting the Tracking

Adjusting the Tracking Automatically

The tracking condition is automatically adjusted on this video TV. The AUTO TRACKING indicator will appear while the video TV is searching for best tracking condition.

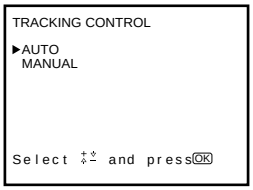
GB

Adjusting the Tracking Manually

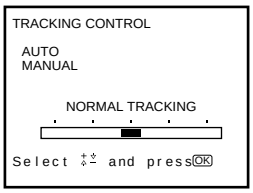
If streaks or snow noise appear on the video playback picture, adjust the tracking condition manually.

1 Press MENU to display the main menu.

2 Move the cursor (z) to "TRACKING CONTROL" with + or – and press OK.
The TRACKING CONTROL menu appears.



3 Select MANUAL with + or – and press OK.
The tracking meter appears.



4 Using + or – , adjust the tracking to get the best picture.

5 Press OK.
The main menu reappears.

6 Press MENU to go back to the original screen.

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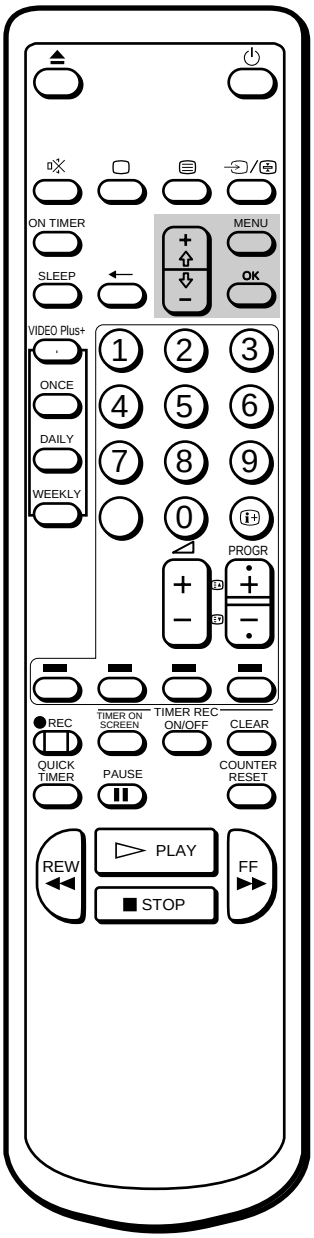
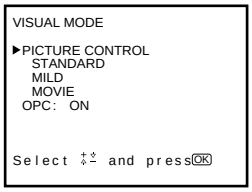


Adjusting with the Optimum Picture Control (OPC)

This function allows you to improve playback and recording quality by adjusting the system parameter automatically according to the condition of the video tape.
This function is set to ON at the factory. To maintain better picture quality, it is advisable to leave the function on. The OPC function works on all types of tapes, even on rental tapes.
To change the setting, use the menu display.

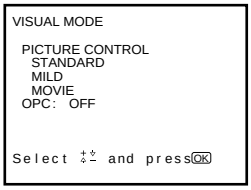
1 Press MENU to display the main menu.

2 Move the cursor (z) to VISUAL MODE with + or – and press OK.
The VISUAL MODE menu appears.



3 Move the cursor (z) to OPC with + or – and press OK.

4 Select ON or OFF with + or – and press OK.



5 Press MENU to erase the main menu.

About the Auto Head Cleaner

The auto head cleaner built into this set automatically cleans the video heads when a cassette is loaded or unloaded. If the effect of head cleaning is not sufficient even after a cassette has been loaded / unloaded several times, clean the heads using the Sony V-25CL video head cleaning cassette.
For details on head cleaning see page 42.

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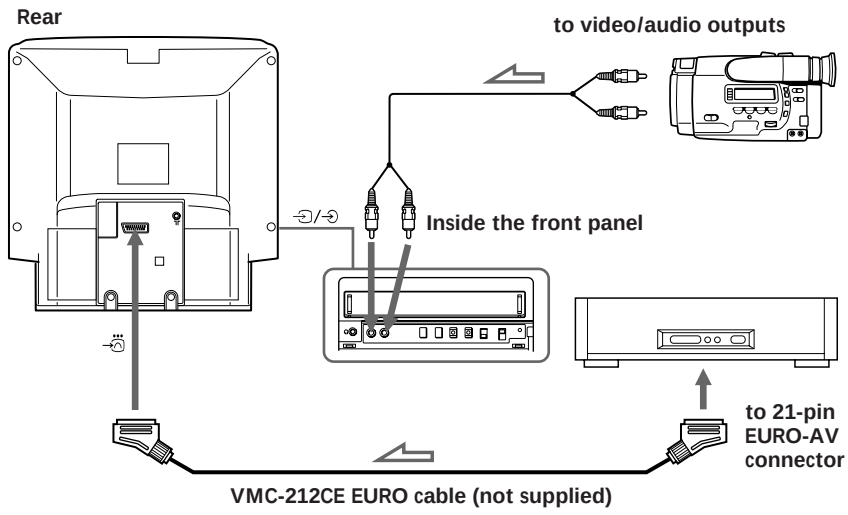
Connecting Optional Equipment

Watching the Picture Input from Optional Equipment



GB

To watch the video input signal

Press … repeatedly until the desired input indicator appears on the screen.

- … 1 for audio / video input or RGB input through the W connector
- Do not play equipment connected to the W connector, such as a VCR, during recording a programme to which the Pay-TV decoder is set. If you do so, the playback signal of the connected equipment will be recorded.
- … 2 for audio / video input through the … 2 / 2 jacks on the front panel
- If you play equipment connected to the W connector, such as a VCR, while watching a programme to which the Pay-TV decoder is set, the TV is automatically switched to the input through the W connector. When you are watching a programme to which the Pay-TV decoder is not set, the TV is not automatically switched.

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Editing with Another VCR

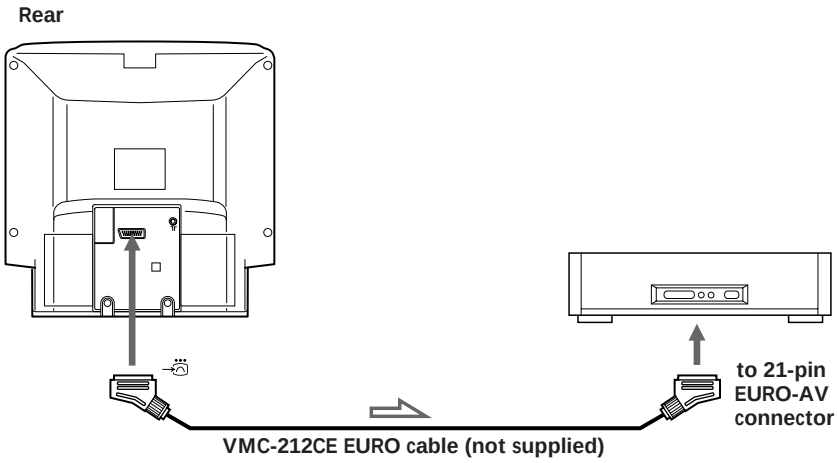
Using an additional VCR, you can edit a tape.

Editing from another VCR

Connections are the same as in “Watching the picture input from optional equipment.”

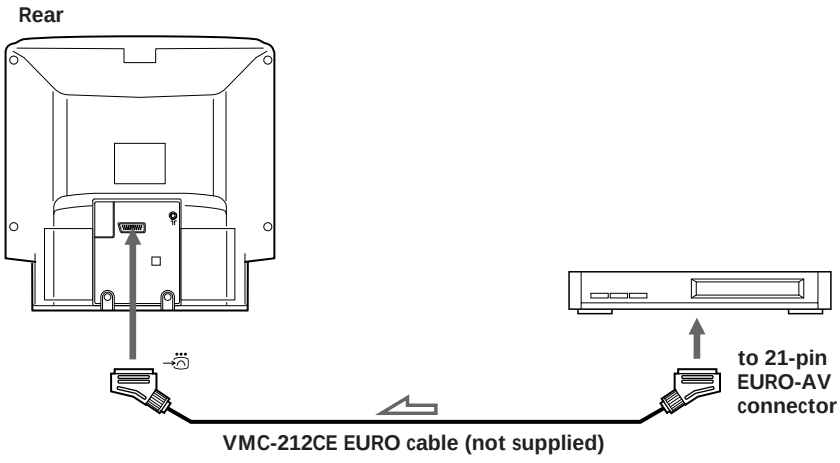
GB

Editing onto another VCR



Watching the Pay-TV Channel

After connecting the pay-TV decoder to the W connector using VMC-212CE EURO cable, set the Pay-TV decoder following the steps in “Setting a Pay-TV channel“ (page 12).



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Troubleshooting

Function	Problems	Possible causes and remedies
TV reception	No picture (screen is dark), no sound	• The mains lead is disconnected. / Connect the mains lead. • The video TV is switched off. / Press ;, PROGR +/– or programme number on the Remote Commander, or PROGR +/– on the video TV.
	Good picture but no sound	• The headphones are connected to 2 jack. / Disconnect the headphones. • The ¤ is displayed on the screen. / Press ¤. • Press Á +/–.
	No colour or poor colour(screen is dark) for colour programmes, but good sound.	• Adjust “CONTRAST,” “COLOUR,” and “BRIGHTNESS” in the PICTURE CONTROL menu. (page 18)
	No picture, no sound from video input source	• The connecting cord between the video TV and the input source is disconnected. / Connect it firmly. • Input is not selected correctly. / Press … until the desired input indicator appears. (page 38)
Clock and timer	The clock has stopped and “--/--” is displayed.	• The power has been interrupted, the U switch is turned off or the mains lead is disconnected for more than a week. / Re-set the clock and timer settings if necessary. (pages 15, 26)
Playback	Power is on, but the tape does not run.	• The safety device has been activated. / Switch off, disconnect the mains lead, and leave the set for about one minute.
	Poor playback picture	• The COLOUR SYSTEM switch is set to incorrect position. / Set COLOUR SYSTEM to the position corresponding to the colour system with which the tape is recorded. (page 23) • Adjust the tracking. (page 36) • The video heads are dirty. / Clean the heads using the Sony V-25CL video head cleaning tape (page 42). If the cleaning tape is not available in your area, have the heads cleaned at your nearest Sony service facility. (Do not use a commercially available wet-type cleaning tape, as it may damage the video heads.) • The tape is worn out. / Use a new tape.
	The sound drops out.	• The tape is defective. / Use a new tape.

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Function	Problems	Possible causes and remedies
Recording	The cassette is ejected when you press REC r.	• The safety tab of the cassette has been removed. / Cover the tab hole with adhesive tape, or use another cassette with a safety tab. (page 22)
	Recording cannot be done.	• No cassette has been inserted. / Insert a cassette with the safety tab. • The tape is at its end. / Rewind the tape.
Timer recording	Timer settings cannot be made.	• The clock has not been set. / Set the current time and date. (page 15) • You have made a mistake when setting the timer. / Check the setting steps. (pages 26 to 28)
	The cassette is ejected when you press TIMER REC ON / OFF.	• The safety tab of the cassette has been removed. / Cover the tab hole with adhesive tape, or use another cassette with a safety tab.
	The TIMER REC lamp does not light up even though you press TIMER REC ON / OFF.	• No cassette has been inserted. / Insert a cassette with its safety tab. • The tape is at its end. / Rewind the tape. • No setting is made for timer recording. / Set the programme for timer recording. (pages 26 to 28)
	Timer recording was not made.	• You did not press TIMER REC ON / OFF. • There has been a power interruption lasting more than a week.
Others	A cassette cannot be inserted.	• Another cassette is already inserted. / Press 6 to eject the cassette.
	The Remote Commander does not work.	• The batteries are low. / Replace the batteries. (page 4) • The batteries are installed incorrectly. / Install the batteries with correct polarities. (page 4)

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Taking Care of Your Video TV

Video Head Cleaning

When playback pictures are noisy and hardly visible, or when no picture appears, the video heads may be contaminated. In such a case, clean the video heads using the V-25CL video head cleaning tape (not supplied), or ask Sony service personnel to clean the video heads, with this service there would be a standard charge.

GB

Symptoms caused by contaminated video heads

- Normal picture
- Rough picture
- Unclear picture
- No picture (or black & white screen appears)

initial → terminal

Worn Video Heads

If your video TV displays a poor picture after you clean the video heads, you may need to replace them. Consult your dealer or the Sony Service Center nearest you.

Check the Video Heads after 1,000 Hours of Use

A video TV is a high precision machine. It must record on or play from magnetic tapes on which the image signals from the colour TV or the video camcorder are recorded.
The video heads or mechanical parts for transporting the tape are contaminated or worn after extended use. You should have your video TV checked after each 1,000 hours of use.

Note

Do not use a commercially available wet-type cleaning tape, as it may damage the video heads.

About Moisture Condensation

If the unit is brought directly from a cold place to a warm place, moisture may condense on the video head drum. If this happens, the tape may stick to the head drum and it may be damaged or the unit may not operate correctly. To avoid possible damage caused by moisture condensation, be sure not to leave a cassette inside the compartment when the unit is not in use. When bringing the unit from a cold place to a warm place, wait for about 10 minutes before operating it.
If the tape operation buttons do not work due to moisture condensation, leave the unit for more than one hour with the power on.

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Specifications

TV Section

Television system	I
Colour system	PAL
Channel coverage	See “Television channel number guide” at the next page.
Picture tube	Trinitron Approx. 54.5 cm (21 inches) (Approx. 51 cm picture measured diagonally)
Aerial in	UHF

Video Section

Format	VHS standard
Video recording system	Rotary 2-head helical scanning system
Audio recording system	Monaural
Video signal	PAL
Tape speed	PAL: 23.39 mm / sec. NTSC (playback only): 33.35 mm / sec.
Maximum recording time	240 minutes with E-240

Inputs and Outputs

Inputs	LINE IN VIDEO: phono jack (1) 1 Vp-p, 75 ohms, unbalanced, sync negative LINE IN AUDIO: phono jack (1) Input level: 500 mVrms (100% modulation) EURO-AV: 21-pin
Output	EURO-AV: 21-pin
Headphones jack	Monaural minijack

General

Clock	Quartz locked
Clock back up	Approx. 7 days
Clock requirements	220-240 V AC, 50 Hz
Power consumption	112 W
Operating temperature	5°C to 40°C (41°F to 104°F)
Storage temperature	–20°C to 60°C (-4°F to 140°F)
Dimensions	Approx. 540 × 518 × 470 mm (w / h / d) ($21^{3}/_{8} \times 20^{1}/_{2} \times 18^{5}/_{8}$ inches)
Mass	Approx. 25 kg (55 lb 2 oz)

Accessories supplied

Remote Commander (1)
R6 (size AA) batteries (2)

Design and specifications are subject to change without notice.

Note

This appliance conforms with the EU Directive 89 / 336 / EEC regarding interference suppression.

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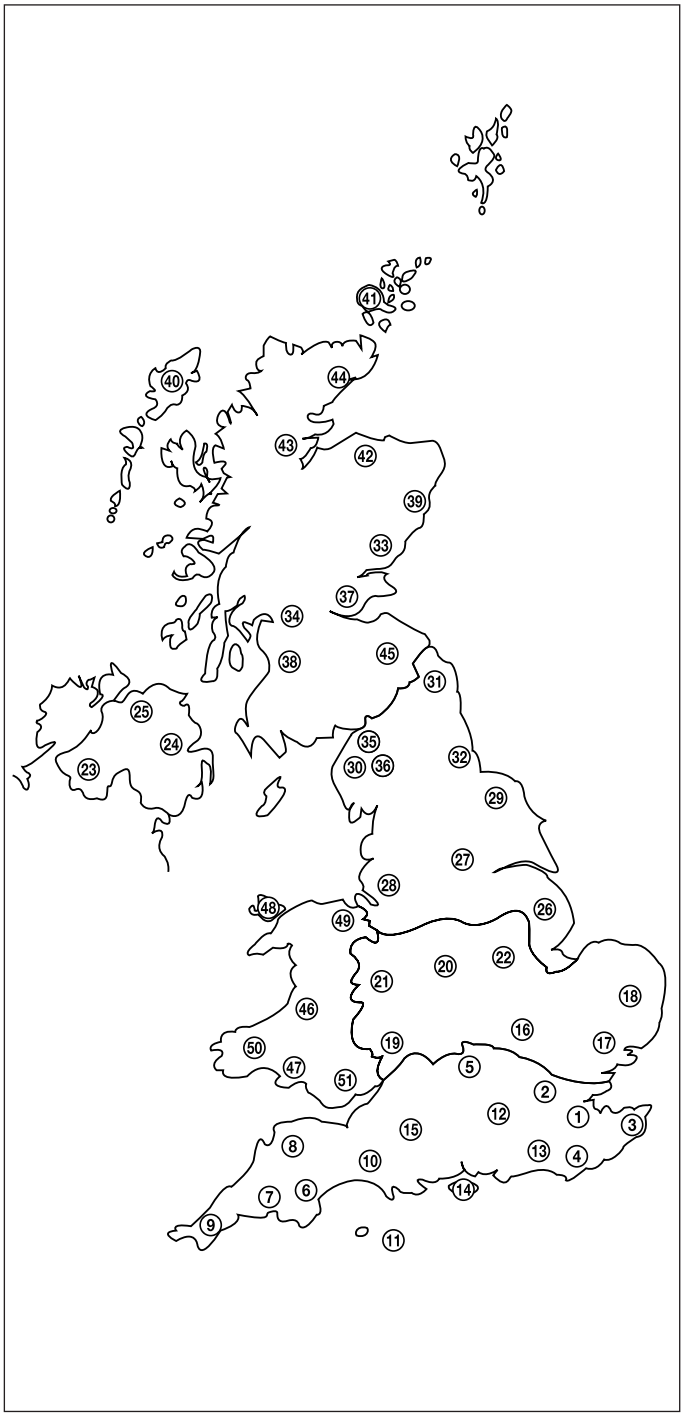
Television Channel Number Guide

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

MAIN TRANSMITTERS	BBC1	BBC2	ITV	CH4
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
South-West				
6 Beacon Hill	57	63	60	53
7 Caradon Hill	22	28	25	32
8 Huntshaw Cross	55	62	59	65
9 Redruth	51	44	41	47
! º Stockland Hill	33	26	23	29
Channel Islands				
! ¡ Fremont Point	51	44	41	47
South				
!™ Hannington	39	45	42	66
!£ Midhurst	61	55	58	68
!¢ Rowridge	31	24	27	21
West				
! Mendip	58	64	61	54
East				
!§ Sandy Heath	31	27	24	21
!¶ Sudbury	51	44	41	47
!• Tacolneston	62	55	59	65
Midlands (West)				
! ª Ridge Hill	22	28	25	32
@º Sutton Coldfiled	46	40	43	50
@¡ The Wrekin	26	33	23	29
Midlands (East)				
@™ Waltham	58	64	61	54
Northern Ireland				
@£ Brougher Mountain	22	28	25	32
@¢ Divis	31	27	24	21
@ Limavady	55	62	59	65
North				
@§ Belmont	22	28	25	32
@¶ Emley Moor	44	51	47	41
North-West				
@• Winter Hill	55	62	59	65
North-East				
@ª Bilsdale West Moor	33	26	29	23
#º Caldbeck	30	34	28	32
#¡ Chatton	39	45	49	42
#™ Pontop Pike	56	64	61	54
Scotland				
#£ Angus	57	63	60	53
#¢ Black Hill	40	46	43	50
# Sandale	22	67	–	–
#§ Caldbeck	–	–	28	32
#¶ Craigkelly	31	27	24	21
#• Darvel	33	26	23	29
#ª Durris	22	28	25	32
$º Eitshal (Lewis)	33	26	23	29
$¡ Keelylang Hill	40	46	43	50
$™ Knock More	33	26	23	29
$£ Rosemalkie	39	45	49	42
$¢ Rumster Forest	31	27	24	21
$ Selkirk	55	62	59	65
Wales				
$§ Blaenplwyf	31	27	24	21
$¶ Carmel	57	63	60	53
$• Llanddona	57	63	60	53
$ª Moel-y-Parc	52	45	49	42
%º Presely	46	40	43	50
%¡ Wenvoe	44	51	41	47



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Index to Parts and Controls

Video TV Set—Front

This section briefly describes the buttons and controls on the video TV set and on the Remote Commander. For more information, refer to the pages next to each description.

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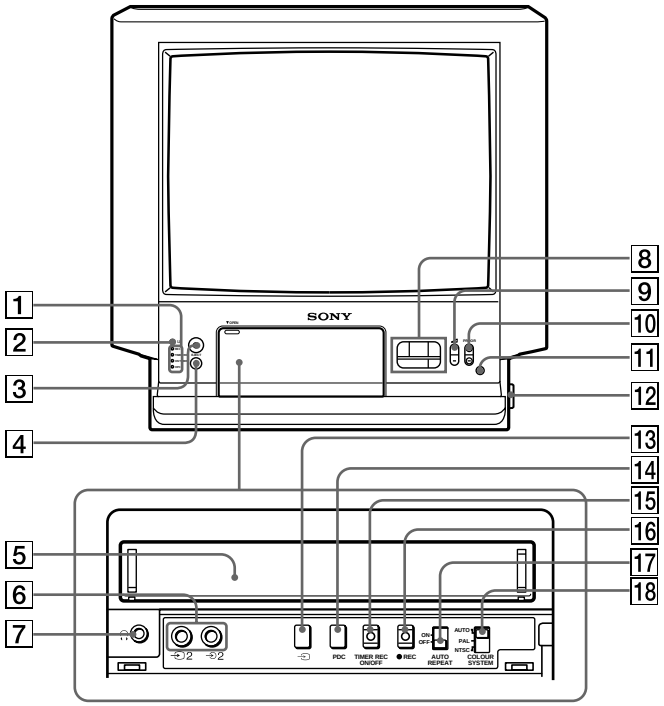

1 Lamps
REC(recording) (page 25)
TIMER REC(recording) (page 27)
ON TIMER (page 35)
PDC (page 31)

2 u (standby) lamp (page 16)

3 u (standby) button (page 16)

4 EJECT 6 button (page 22)

5 Cassette compartment (page 22)

6 …2/ 2 (video/audio input) jacks (page 38)

7 2 (headphones) jack (page 19)

8 Tape transport buttons (page 23)

9 Á (volume) +/– buttons (page 16)

! º PROGR(programme) +/– buttons (page 16)

! ¡ Remote sensor

!™ U (MAIN POWER) switch (page 2, 6, 16)

! £ … (input select) button (pages 19, 38)

! ¢ PDC button (page 31)

! TIMER REC ON/OFF button (pages 28, 29)

! § REC(recording) r button (page 25)

! ¶ AUTO REPEAT ON/OFF switch (page 24)

! • COLOUR SYSTEM switch (page 23)

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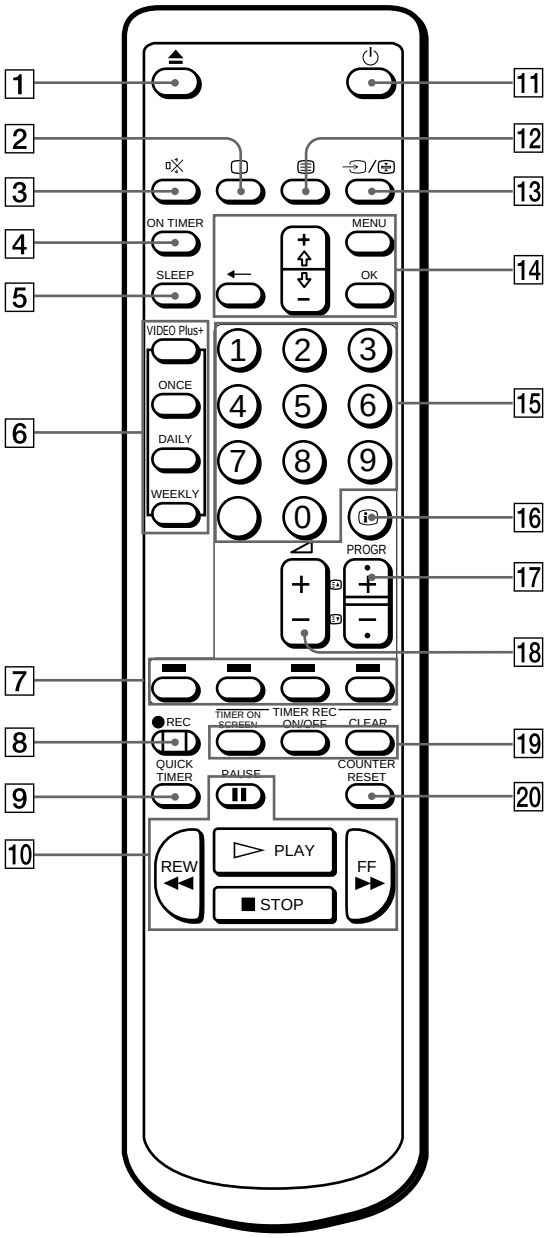
Remote Commander



1 6 (eject)button (page 22)
2 ; (TV power on) button (pages 6, 16)
3 ¤ (muting) button (page 17)
4 ON TIMER button (page 35)
5 SLEEP button (page 34)
6 VIDEO Plus+ buttons
  ONCE button (page 32)
  DAILY button (page 32)
  WEEKLY button (page 32)
7 Teletext operation buttons (page 20)
8 REC (recording) r button (page 25)
9 QUICK TIMER button (page 30)
! º Tape transport buttons (page 23)
  · PLAY, p STOP, P PAUSE, 0 REW (rewind),) FF (fast forward)
! ¡ u (standby) button (page 16)
!™ ⊜ (Teletext) button (page 20)
! £ … (input select)/ ⊕ button (pages 19, 21, 38)
! ¢ Menu operation buttons (pages 6, 7)
  MENU
  + /–
  ?
  OK
! Number button (page 6, 16)
! § ⓘ (on-screen display) button (pages 17, 24)
! ¶ PROGR (programme) +/–/ / (Teletext page access) buttons (page 16, 21)
! • Á (volume) +/– buttons (page 16)
! ª TIMER REC buttons
  TIMER ON SCREEN (pages 27, 29)
  ON / OFF (pages 27, 29)
  CLEAR (page 29, 32)
@º COUNTER RESET button (page 24)

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