VIDEO RECORDER

BLD-6HD1

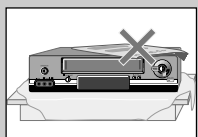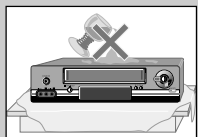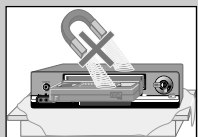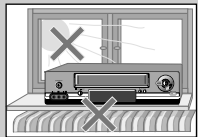## Instruction Manual

BLACK DIAMOND

Please keep the video's guarantee sheet and receipt for your video in a safe place.

Precautions

- ◆ Read this booklet carefully.
- ◆ Make sure the rating of your household electricity supply matches that shown on the back of the video recorder.
- ◆ Read this page and the chapter and the "Setting up the video" to help you set up and adjust your video recorder.
- ◆ Do not put the video recorder in a hot or humid place (to avoid the risk of fire and electric shock).
- ◆ Do not open the video recorder. Get a qualified technician to carry out any repairs.
- ◆ Do not connect the video recorder to the power supply if you have just moved it from a cold environment to a warm room. This can lead to condensation inside the video which can seriously damage the video and cassettes. Wait around two hours to allow it to reach room temperature.
- ◆ Make sure the video is placed at least 10cm apart from other home appliances or obstacles to get sufficient ventilation.
- ◆ This apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on top of the video.

- ◆ Put the video on a steady, flat surface.
- ◆ Only clean the video with a soft, lint-free cloth. Do not use harsh or alcohol-based cleaning agents.

For your own safety!
- ◆ There are no components in this video recorder you can service or repair yourself.
- ◆ Do not open the case of the video recorder. Only allow a qualified engineer to repair or service your video.

- ◆ This video recorder is designed to work continuously. Switching it off (onto stand-by) does not disconnect it from the mains. To disconnect it from the mains, you have to unplug it.

Before you do anything with the video, please read the chapter "Setting up the video".

Contents

- ◆ On the following pages, the pictures show the buttons you need to press on the remote control and what you should see on the television screen or video display.

Put the batteries into the remote control. Make sure the (+) and (-) signs on the batteries agree with the (+) and (-) signs in the battery compartment.

Setting up your video (Option 1) - Connecting your video through RF lead

1 Before you start, unplug all the equipment from the mains supply.

Television

200-240V, 50/60Hz

Back view of your VCR

This lead is supplied in your accessory kit.
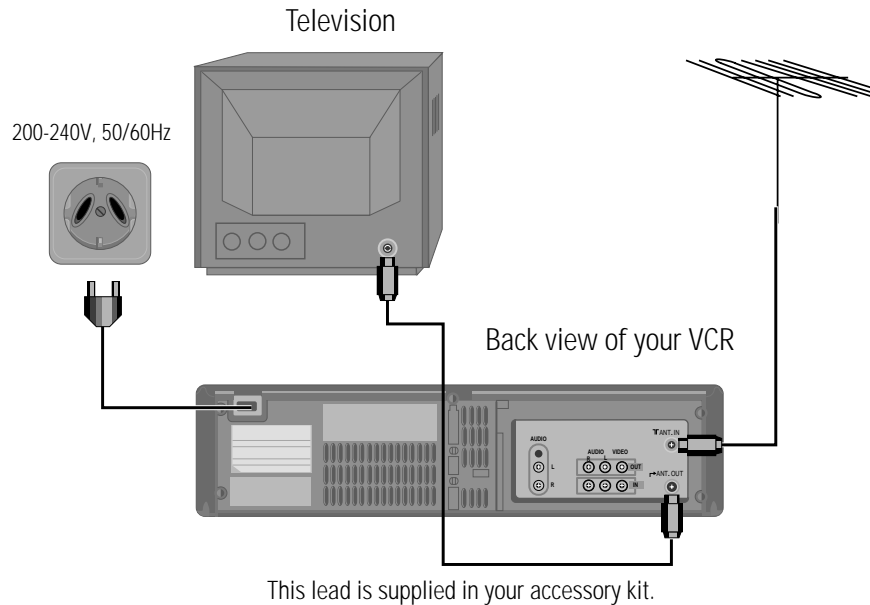
If you have connected your video as shown in option 1, turn to page 6.

Aerial
The type of aerial you should use, depends on local interference and how far you are from the transmitter. You should contact a local retailer if you have any questions about your aerial.

Setting up your video (Option 2) - Connecting your video through RCA lead

2 Switch off all components when connecting or disconnecting cables.

200-240V, 50/60Hz
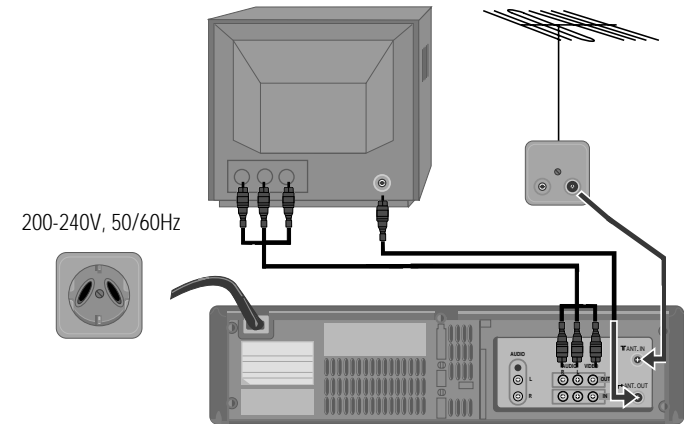
◆ Unplug the aerial cable from your TV and plug it into the "ANT. IN" socket of the video.

Plug the short coaxial cable provided into the "ANT.OUT" socket of the video and the aerial socket of the TV.

◆ Plug a RCA cable into the "RCA" socket of the video and the AV socket on the TV if available.

This connection will provide best picture and sound quality.
Ask your dealer for an appropriate cable if you do not have one.

Without a RCA cable, you need to follow the steps described under "If you are not using a RCA cable" (See page 4)

◆ Make sure the rating of the household mains supply matches the rating shown on the back of the video.

Now plug in the mains lead. The display of the video should now light.

◆ Plug a phone cable into "Audio L, R" jack on the rear panel and into the Audio jack on any audio amplifier, if needed.

◆ *If you are using a RCA cable*, select the AV input on the TV to see the picture from the video.

◆ *If you are not using a RCA cable,* select the button number on the TV reserved for video input to see the picture from the video.

To the TV via antenna cable (if you are not using a RCA cable)

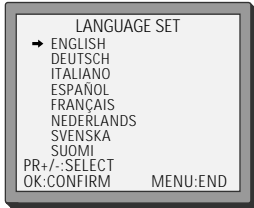If you are not using a RCA cable, your video can transmit pictures and sound to the TV via the coax aerial cable. Just tune the TV to the video's transmitting channel (factory set to UHF CH 36). Tune the TV carefully to ensure the best pictures and sound.

```
        LANGUAGE SET
➡ ENGLISH
   DEUTSCH
   ITALIANO
   ESPAÑOL
   FRANÇAIS
   NEDERLANDS
   SVENSKA
   SUOMI
PR+/-:SELECT
OK:CONFIRM      MENU:END
```

Once you have carried out the steps in "Setting up your video" (previous page), switch on your TV.

◆ When you install your VCR first time.

 Press ⏻ button of the video's remote control.

Tune the TV to the 'LANGUAGE SET' using the channel pre-set functions of your TV as described in its manual.

◆ When you install your VCR more than two times. (It means you have already done the procedure of P.6 'Tuning the TV')

 Press ⏻ button of the video's remote control.

```
        MAIN MENU
➡ TIMER PROGRAM
   PR PRESET
   VCR SETUP
   TAPE CONTROL

PR+/-:SELECT
OK:CONFIRM      MENU:END
```

Tuning the TV to the blue-back screen, if you found blue back screen on the TV then press MENU button on your video's remote control and confirm 'MAIN MENU' screen is appeared, if not tuning the TV again.

Once you have found the picture of above two cases, follow the instructions within your television manual to store this new channel into a programme location.

If the **quality of the test picture** transmitted to the TV is poor due to interference caused by a station transmitting on channel 36, you can tune the video to a different transmitting channel. Find a free channel between 21 and 69 on your TV.

```
        RF OUTPUT SET

   CH            36



0-9:SELECT (21-69)
OK:CONFIRM      MENU:END
```
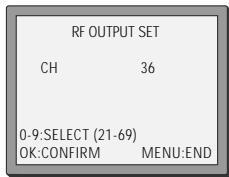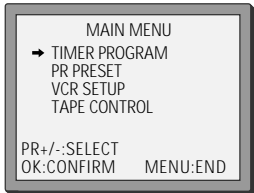
Call the video's "MAIN MENU" choose "VCR SETUP" then "RF OUTPUT SET".

Type in the free channel.

Store and exit.

ℹ️ ◆ If the quality of the test picture transmitted to the TV is poor, fine-tuning on the TV may help (refer to the TV manual).

◆ **Without a RCA cable**, you will not get stereo sound from a TV capable of stereo sound.

◆ *Switch off all components when connecting or disconnecting cables.*

Copying

AV

TV
(other VCR)

Audio Amp.
devices

Other VCR
Decoder for Pay-TV
Camcorder
Video Player
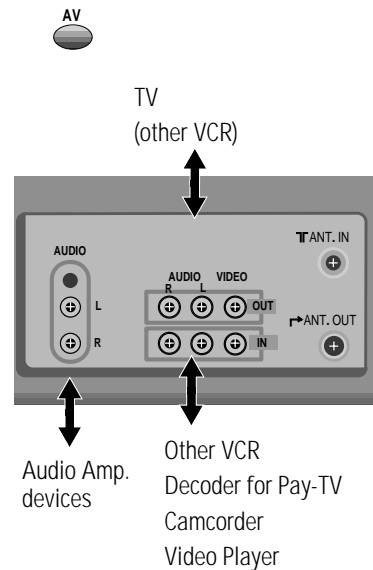
To copy to your video **from another video machine**, connect the two machines with a cable between their RCA sockets and select as programme "AV" or "F. AV" (front sockets) using the [AV], [PR+/-], or [00] button.

Set the other video machine to playback and your machine to record.

To connect a mono audio source, use the front Audio In socket marked L.

To copy **to another video machine** from your video, connect the two machines by means of their RCA sockets.

On the other video, select its AV input and set the machine to record.

Switch your video to play back at the position you want copying to start.

Assembling

Should you wish to assemble your own film, from camcorder footage for example, use the assembly technique for smooth edit points:
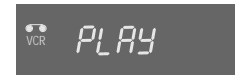
▷ VCR *PLAY* ◆ Move the tape to the position at which the new scene is to be added using the play functions (pages 13-14).

⏸ VCR *STILL* ◆ Wind back slightly before the edit point and put the machine into pause using the ⏸ button (do not press STOP!).

⏺ 2x VCR *REC* ◆ Now go directly into record.

For the best results, the source cassette from which you are recording should already be playing back when you start recording.

Tuning to the TV

Once you have carried out the steps in 'Setting up your video' (diagram 1 on page 2), switch on your TV.

1   `RF 36` ←   Press ⏻ on the remote control and RF36 will be displayed on the front of your video.

If you have connected your video through the RCA connection (diagram 2 on page 3), go to step 2.

If you have connected it through RF cable (as shown in diagram 1 on page 2)

Select a free channel on your TV and manual tune the channel until the blue screen as shown in step 2 appears. Refer to the TV manual for more details.

2
```
        LANGUAGE SET
  ➔ ENGLISH
      DEUTSCH
      ITALIANO
      ESPAÑOL
      FRANÇAIS
      NEDERLANDS
      SVENSKA
      SUOMI
  PR+/-:SELECT
  OK:CONFIRM      MENU:END
```
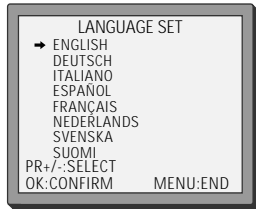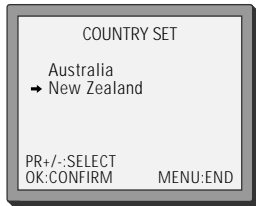
Please go through the complete tuning process on first install.

Select the wanted language and country with **PR+** or **PR-** button. Press **OK** to confirm.

```
        COUNTRY SET

    Australia
  ➔ New Zealand



  PR+/-:SELECT
  OK:CONFIRM      MENU:END
```

Press **OK** to confirm.

Unless you are living in an area with poor reception, ' Auto Search' tunes in all the stations you can receive in your country and sorts them in a common order, for example, P-01 on programme 1, P-02 on programme 2 and so on.

See page 10 and page 11 if you need to change any of the automatic settings. You should finish the auto search before you go to page 10 or page 11.
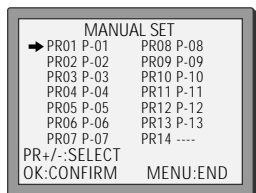
```
          CH 25


      PLEASE WAIT...


                  MENU:END
```
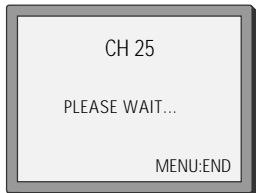
In case of the auto search is not able to receive some CH's, you can receive the CH using the manual tuning. (see on page 9).

```
          CLOCK SET

   TIME  - - : - -

   DATE  - -/- -/- - - -

  0-9:SETUP(HOUR)
  ◄/► :CORRECT  MENU:END
```
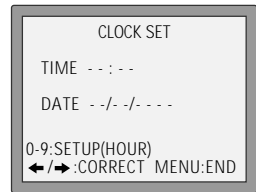
If the clock has not been set, the clock setting screen will appear.

Please see " Setting time and date" on page 8.

```
          MANUAL SET
  ➔ PR01 P-01     PR08 P-08
    PR02 P-02     PR09 P-09
    PR03 P-03     PR10 P-10
    PR04 P-04     PR11 P-11
    PR05 P-05     PR12 P-12
    PR06 P-06     PR13 P-13
    PR07 P-07     PR14 ----
  PR+/-:SELECT
  OK:CONFIRM      MENU:END
```

If you want to change the station names, see page 10.

If you want to change the programme locations see page 11. You need to change programme locations if the stations are not in order, for example, P-01 on programme 1, P-02 on programme 2 and so on.

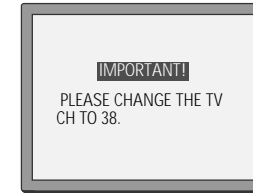Press **MENU** to end.

What to do if you get picture interference when using RF lead

The RF output can be adjusted from 21 to 69, this video is defaulted to RF36. If other broadcasts are close to RF36 they may cause picture interference, you can change the RF output until your television has a noise-free channel for your video.

Option 1

If other stations are positioned on or near the current RF OUTPUT CH, the following guide message appears automatically.

```
    RF OUTPUT SET



  CURRENT          CH 36
  RECOMMENDED      CH 38


  OK:CONFIRM     MENU:END
```

```

      IMPORTANT!

    PLEASE CHANGE THE TV
    CH TO 38.


```
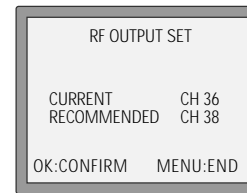
Press **OK** to confirm.
Press **MENU** to end.

Option 2

```
    RF OUTPUT SET

  CH            36



  0-9:SET UP (21-69)
  OK:CONFIRM     MENU:END
```
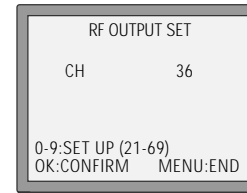
Change the RF output from 36 using the remote control.

Press **MENU**. Select 'VCR Set Up' by pressing **PR-** twice then **OK**.

Select 'RF Output Set Up' by pressing **PR-** twice then **OK**.

Change the channel number using buttons **0-9**.

Press **OK** to confirm. Press **MENU** to end.

If there is still picture interference repeat option2.

Option 3

Buy a RCA cable from your local electrical shop. Connect the RCA cable as shown on page 3, diagram 2.

If you want to change the RF output in the future due to new broadcasting stations or equipment and so on, press and hold the **OK** button on the remote control until RF 36 is displayed on the front of the video. Then go to option 2 above.

Setting time and date

1

```
        CLOCK SET

  TIME  - - : - -

  DATE  - -/- -/- - - -

0-9:SETUP(HOUR)
←/→:CORRECT  MENU:END
```

If the 'CLOCK SET' display is not already on the screen press **MENU**.

Choose 'VCR SET UP' by pressing **PR-** twice, then **OK**.

Choose 'CLOCK SET' then press **OK**.

2

```
        CLOCK SET

  TIME  11:41

  DATE  11/08/2003(MON)

0-9:SETUP(HOUR)
←/→:CORRECT
OK:CONFIRM     MENU:END
```

Once the 'CLOCK SET' display is on the screen, move to the position you want to change by pressing ← or → .

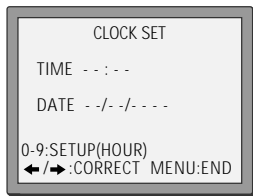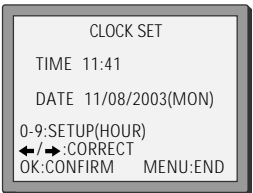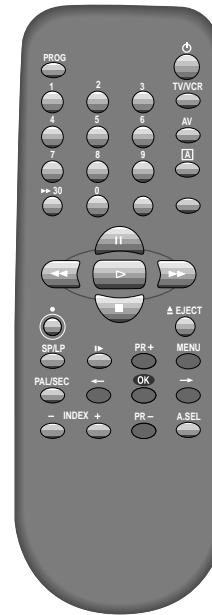Use the number buttons **0** to **9** on the remote control to enter the correct time and date.

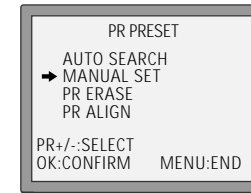Press **OK** to confirm the settings, and press **MENU** to end.

Manual tuning

Manual tuning allows you to tune in new stations or equipment such as a satellite receiver and so on.

1

```
        PR PRESET
    AUTO SEARCH
  → MANUAL SET
    PR ERASE
    PR ALIGN

PR+/-:SELECT
OK:CONFIRM      MENU:END
```
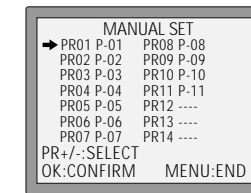
Press **MENU**.

Choose 'PR Preset' by pressing **PR-** then **OK**.

Choose 'Manual Set' by pressing **PR-** then **OK**.

2

```
        MANUAL SET
  → PR01 P-01   PR08 P-08
    PR02 P-02   PR09 P-09
    PR03 P-03   PR10 P-10
    PR04 P-04   PR11 P-11
    PR05 P-05   PR12 ----
    PR06 P-06   PR13 ----
    PR07 P-07   PR14 ----
PR+/-:SELECT
OK:CONFIRM      MENU:END
```

Press **PR+** or **PR-** to select any programme number that is not being used, for example '----' or 'P-xx'.

Press **OK** to confirm.

These buttons are used on the following two pages.

3

```
        MANUAL SET
  → PR              04
    RECEPTION       AERIAL
    AUTOSEARCH      CH__
    FINE TUNING     ——+——
    NAME            ____
PR+/-: UP/DOWN
←/→ : SELECT
OK:CONFIRM      MENU:END
```

Set the station you want:
◆ the programme location number,
◆ the broadcast system you want (Aerial(CH) or Cable(CC)),
◆ You can directly enter the real channel number with the 0 to 9 buttons, or search by pressing ← / → ,
◆ The fine tuning you can adjust, by pressing ← / → ,
◆ Change or create the station name. Refer to page 10.

4

```
        MANUAL SET
    PR              03
    RECEPTION       AERIAL
  → AUTOSEARCH      CH 03
    FINE TUNING     ——+——
    NAME            ____
PR+/-: UP/DOWN
←/→ : SELECT
OK:CONFIRM      MENU:END
```

5

```
        MANUAL SET
    PR              03
    RECEPTION       AERIAL
    AUTOSEARCH      CH__
    FINE TUNING     ——+——
  → NAME            ____
PR+/-: UP/DOWN
0/1: CHANGE/CREATE
OK:CONFIRM      MENU:END
```
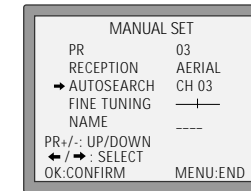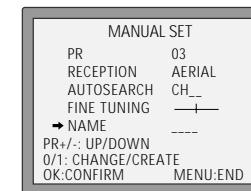
Press **OK** to store the picture you want.

Tune in other stations (by following step 3 onwards) or press **MENU** to leave the tuning mode.

Your video has 99 available channel slots. It will only store programmes that are available in your area. You can tune in other stations in any channel slot that is not already being used.

Station names

If your video is showing no station name or is showing a station name incorrectly, you can change this.

1

```
        MANUAL SET
➜ PR01 P-01    PR08 P-08
   PR02 P-02    PR09 P-09
   PR03 P-03    PR10 P-10
   PR04 P-04    PR11 P-11
   PR05 P-05    PR12 ----
   PR06 P-06    PR13 ----
   PR07 P-07    PR14 ----
PR+/-:SELECT
OK:CONFIRM         MENU:END
```

Press **MENU**.

Choose 'PR Preset' by pressing **PR-** then **OK**.

Choose 'Manual Set' by pressing **PR-** then **OK**.

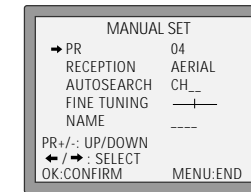Select the channel to be renamed by pressing **PR-** then **OK**.

2

```
        MANUAL SET

   PR              01
   RECEPTION       AERIAL
   AUTOSEARCH      CH01
   FINE TUNING    ——+——
➜  NAME           ————
PR+/-: UP/DOWN
 0/1: CHANGE/CREATE
OK:CONFIRM         MENU:END
```

Select NAME position.

EITHER

Press the 0 button to change the given name.

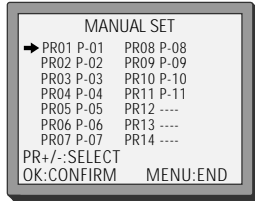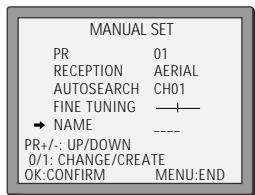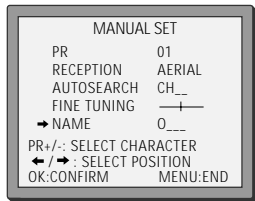By pressing the ➜ button this will select preset station names.

3

```
        MANUAL SET

   PR              01
   RECEPTION       AERIAL
   AUTOSEARCH      CH__
   FINE TUNING    ——+——
➜  NAME           O___
PR+/-: SELECT CHARACTER
 ← / ➜ : SELECT POSITION
OK:CONFIRM         MENU:END
```
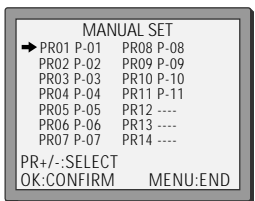
Or press the 1 button to create the station name.

Change the letters with the **PR +/–** buttons, move to the next letter with the ←/➜ buttons.

4

```
        MANUAL SET
➜ PR01 P-01    PR08 P-08
   PR02 P-02    PR09 P-09
   PR03 P-03    PR10 P-10
   PR04 P-04    PR11 P-11
   PR05 P-05    PR12 ----
   PR06 P-06    PR13 ----
   PR07 P-07    PR14 ----
PR+/-:SELECT
OK:CONFIRM         MENU:END
```

Press **OK** to confirm and **MENU** to end.

Sorting programme locations

Sorting programme locations allows you to put the video programme in the same order as your TV.
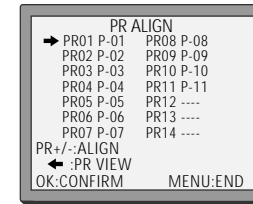
1

Press **MENU**.

Choose 'PR Preset' by pressing **PR-** then **OK**.

Choose 'PR Align' by pressing **PR+** then **OK**.

These buttons are used on the following two pages.

2

```
         PR ALIGN
➜ PR01 P-01    PR08 P-08
   PR02 P-02    PR09 P-09
   PR03 P-03    PR10 P-10
   PR04 P-04    PR11 P-11
   PR05 P-05    PR12 ----
   PR06 P-06    PR13 ----
   PR07 P-07    PR14 ----
PR+/-:ALIGN
 ←  :PR VIEW
OK:CONFIRM         MENU:END
```
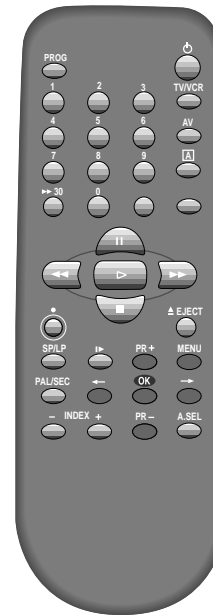
Press **PR+** or **PR-** to select the programme you want to swap. Confirm by pressing the **OK** button.

Press **PR+** or **PR-** to move the station to the program number you want to store it on.

Confirm with the **OK** button.

Press **MENU** to end.

Clearing programme locations

Clearing programme locations allows you to erase any stored programmes you no longer want.

1

Press **MENU**.

Choose 'PR Preset' by pressing **PR-** then **OK**.

Choose 'PR Erase' by pressing **PR+** twice and then **OK**.

2

```
          PR ERASE
   PR01 P-01    PR08 P-08
   PR02 P-02    PR09 P-09
➜  PR03 P-03    PR10 P-10
   PR04 P-04    PR11 P-11
   PR05 P-05    PR12 ----
   PR06 P-06    PR13 ----
   PR07 P-07    PR14 ----
PR+/-:SELECT
 ←  :PR VIEW
OK:ERASE          MENU:END
```
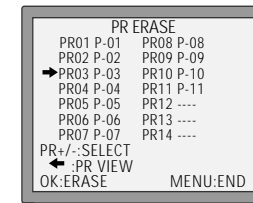
Press **PR+** or **PR-** to select the station you want to clear.

Press and hold ← to watch the picture.

If you want to erase the station, press **OK**.

Press **MENU** to end.

If you don't want to erase the station, press **MENU**.

Front panel controls

The following buttons are on the front of your video.

STANDBY/ON

stand-by/ power on

■ STOP/ ▲ EJECT

Stop and eject

VIDEO Ⓛ AUDIO Ⓡ

front input sockets for connecting a stereo camcorder (left and right channels)

▼ CH/TRK ▲

Change the station

● REC/OTR

Recording or one-touch record

Every time you press the button the recording time is increased by 30 minutes.

Play

◄◄ REW   FF ►►

Rewind or fast forward a cassette from stop, or picture search backwards or forwards if the video is playing a cassette.
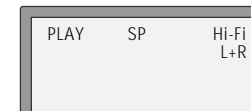
Play

Push the cassette smoothly and squarely into the cassette bay, with its windows pointing up.
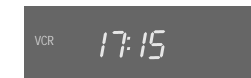
VCR PLAY

▷   Start playback.

PLAY   SP   Hi-Fi
                  L+R

A.SEL

If you hear an unclear or mixed sound output in different languages, select one of the sound options, see page 25.

VCR P-07

17:14

Stop playback.

VCR FF

►►

Fast forward or rewind the cassette from stop.

VCR REW

◄◄

VCR 17:15

▲ EJECT   Eject the cassette.

These buttons are used on the following two pages.

- When you load a **protected cassette** such as pre-recorded film (see page 23) playback will start automatically.

- When you are playing tapes of poor quality or tapes which have been recorded on another machine, you can use the **PR+** or **PR-** buttons while the cassette is playing to reduce horizontal interferences stripes.

- Playing **NTSC tapes on PAL TV**: If you play cassettes which have been recorded on the NTSC colour system (as used in the USA), you can watch the pictures on most PAL TVs.

  On older TVs, some black lines may appear at the top and bottom of the screen. The picture may also roll up or down. To prevent these problems adjust the V-HOLD knob on your television.

  NTSC : National Television Systems Committee.

- This video can also play **MESECAM** (middle east secam not secam) cassettes.

Still

There must be a cassette in the video.

`VCR STILL`
⏸

Still picture from playback.

Each press of the button moves the picture on one frame.

Press the play button to switch back to normal playback.

After approximately five minutes on still, the cassette will automatically switch to normal playback.

If the still picture is jumping, you can steady it by using the **PR+** and **PR-** button.

Variable picture search

`VCR SCH`
⏩

Keep pressing ▶▶ to vary the forward search speed.

`VCR SCH -`
⏪

Keep pressing ◀◀ to vary the rewind search speed.

Pressing the above buttons will vary the search speed in two speeds.

Press ▶ to switch back to normal playback.

Variable slow motion

`VCR SLOW`
⦿

Starting from playback you can keep pressing I▶ to control slow motion speed in six steps.

Press ▶ to switch back to normal playback.

Finding new recordings (index scan)

The video index search system allows you to find the beginning of any recording you have made on your video. Your video automatically records index marks on the tape whenever a recording is started.

```
FF SP
INDEX 01



0:11:09
```
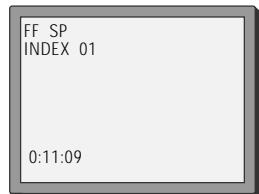
– INDEX +
⦿ ⦿

Press **INDEX +** or **INDEX –** to search forwards or backwards.

The video will now wind to the beginning of a recording, play it for about 6 seconds, then wind on to the next one.

When you see the recording you want to watch, press **PLAY**.

CM Skip

▶▶ 30
⦿

If you press [CM Skip] button on the remote control during playback mode, tape advances for 30 seconds segment.

Auto Repeat

▷

If you press the PLAY button for 5secs during playback mode, REP should appear on your display, the video goes into Auto repeat mode. This video repeatedly plays the tape from beginning to end .

To release this mode, press any mode operation button such as **PLAY**, **FF**, **REW** or **STOP**.

Child lock

You can only set the child lock with your remote control.
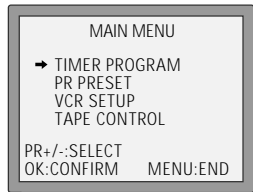
`SAFE`
⦿

Press the button for about 5 seconds.

No buttons of front panel can be operated now and LOCK INDICATOR ("SAFE") will be displayed momentarily on LED display. Keep your remote control in a safe place.

To release child lock, press any button of the remote control.
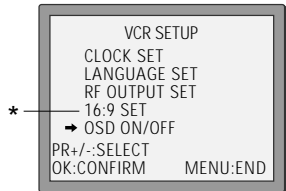
OSD (On Screen Display) ON & OFF

This VCR is set to "OSD (On Screen Display) ON" mode at the factory, but you can change it to OFF mode. When a function is changed at the front display or remote control the change will be displayed on the screen.
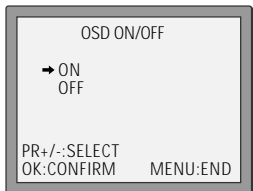
1

```
        MAIN MENU

  → TIMER PROGRAM
    PR PRESET
    VCR SETUP
    TAPE CONTROL

PR+/-:SELECT
OK:CONFIRM    MENU:END
```

Press **MENU**.
Choose "VCR SETUP"
And press **OK**.

2

```
        VCR SETUP

    CLOCK SET
    LANGUAGE SET
    RF OUTPUT SET
*── 16:9 SET
  → OSD ON/OFF
PR+/-:SELECT
OK:CONFIRM    MENU:END
```

Choose "OSD ON/OFF".

3

```
      OSD ON/OFF

  → ON
    OFF



PR+/-:SELECT
OK:CONFIRM    MENU:END
```
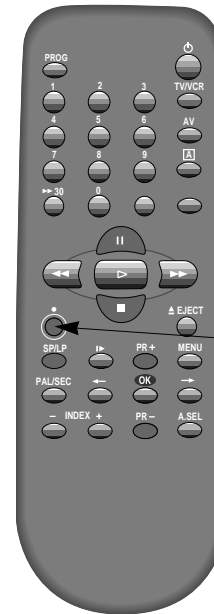
If you want OSD OFF mode, press **PR-** and press **OK**.

OSD characters will not be displayed in the normal picture at the start of each mode change.

* Though the "16:9 SET" is displayed on the screen, this function is not available for this set.

Simple recording

```
 ☎  P-01
```

Load a cassette with its safety tab in place (see page 23).

Press **PR+** or **PR-** to choose the station you want to record.

```
STOP   SP     PR01  ARD
                STEREO ON
```

Press **SP/LP** if you wish to double the length of the cassette's recording time.

For example, on an E-240 cassette you can record for up to four hours when SP is displayed, or up to eight hours when LP is displayed.

```
 ☎  REC
 VCR
```

Press ● to start your recording.

```
 ☎  ST.II
 VCR
```

Press **II** if you want to stop the recording for a short while.

Press ● to continue recording.

```
 ☎  P-01
 VCR
```

Press ■ to stop your recording.

These buttons are used on the following two pages.

Recording cassettes

◆ If you want to use the video's timer to record a programme, the clock, date and stations must be set correctly.
◆ Load a cassette with its safety tab in place (see page 23) and with enough free tape for the recording.

One-touch recording-OTR

` VCR RO:30 `

Press **PR+** or **PR-** to choose the station you want to record.

Every time you press ●, the recording time will increase by 30 minutes. It is possible to record for up to 10 hours if there is enough room on the cassette.
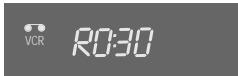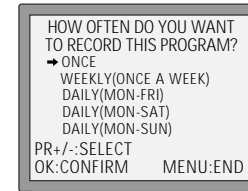
- **To cancel OTR** press and hold the **STOP** button for about five seconds until the video stops recording.
- If you want to record from other equipment that is connected to your video, see page 5.

◆ For timer recordings, clock, date, and stations must be set correctly.
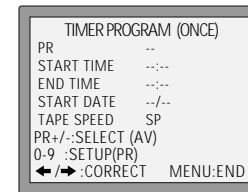◆ Load a cassette with its safety tab in place (see page 23) and with enough free tape for the recording.

Normal timer recording

1

```
HOW OFTEN DO YOU WANT
TO RECORD THIS PROGRAM?
 ➜ ONCE
    WEEKLY(ONCE A WEEK)
    DAILY(MON-FRI)
    DAILY(MON-SAT)
    DAILY(MON-SUN)
PR+/-:SELECT
OK:CONFIRM        MENU:END
```
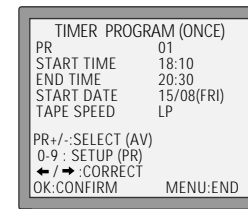
Press **MENU**.

Choose "Timer Program" by pressing **OK**.

There are positions for eight timer programs.

Press **PR+** or **PR-** to select an unused program, for example '- - - -' then press **OK** to confirm.

Press **PR+** or **PR-** to select how often you want to make the recording, for example, once, weekly and so on. Press **OK** to confirm.

2

```
      TIMER PROGRAM (ONCE)
PR              --
START TIME      --:--
END TIME        --:--
START DATE      --/--
TAPE SPEED      SP
PR+/-:SELECT (AV)
0-9 :SETUP(PR)
◄/► :CORRECT    MENU:END
```

◆ PR : Use **PR+** if you want to choose the AV channel or **0** to **9** for other channels.
◆ Start time : Use buttons **0** to **9** to enter the start time.
◆ End time : Use buttons **0** to **9** to enter the end time.
◆ Start date : Use buttons **0** to **9** to enter the date.
◆ Tape Speed : Use **PR+** if you want to choose LP (see page 17).

These buttons are used on the following two pages.

3

```
      TIMER  PROGRAM (ONCE)
PR              01
START TIME      18:10
END TIME        20:30
START DATE      15/08(FRI)
TAPE SPEED      LP

PR+/-:SELECT (AV)
0-9 : SETUP (PR)
◄/► :CORRECT
OK:CONFIRM      MENU:END
```

If you want to change any of the details. Move to the details you want to change using the ◄ and ➜ buttons.

Change the setting using the **PR+** or **PR-** or number buttons **0** to **9**.

4

If all the settings are correct, press **OK** to confirm.

The on screen display will remind you to enter a cassette and turn the video off.
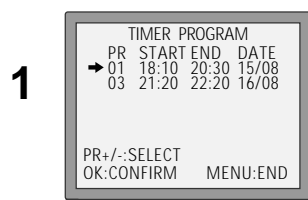
5

```
  ☎  2 1:30
  ⏱
```

Switch your video off by pressing the ⏻ button.

You can switch your video on again if you want to set the timer to record another programme. Remember to switch the video off when you have finished.
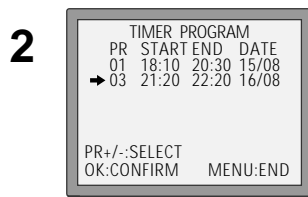
- The video will warn you if you have set the timer to start recording a second programme before the first programme has finished. If you don't adjust the times, the video will record the first programme completely, then start to record the second one.
- If there is not enough free space for the recording on the cassette the video will **automatically switch to 'LP'** to double the recording time left on the cassette.
- The recorder will **eject** cassettes which have the safety tab removed (page 23)
- To stop a recording which has already started, press and hold the **STOP** button for about five seconds until the video stops recording.

1

```
        TIMER  PROGRAM
   PR   START END   DATE
 ➡ 01  18:10  20:30 15/08
   03  21:20  22:20 16/08



 PR+/-:SELECT
 OK:CONFIRM    MENU:END
```

Press **MENU**.

Choose "Timer Program" then press **OK**.

2

```
        TIMER  PROGRAM
   PR   START END   DATE
   01  18:10  20:30 15/08
 ➡ 03  21:20  22:20 16/08



 PR+/-:SELECT
 OK:CONFIRM    MENU:END
```

Select the program you want to change or erase by pressing **PR+** or **PR-**.

Press **OK** to confirm.

3a

```
    TIMER  PROGRAM (ONCE)
 PR               01
 START TIME       18:10
 END TIME         20:30
 START DATE       15/08(FRI)
 TAPE SPEED       LP

 PR+/-:SELECT (AV)
 0-9 : SETUP (PR)
 ◀ / ▶ :CORRECT
 OK:CONFIRM    MENU:END
```

3b

```
    TIMER  PROGRAM (ONCE)
 PR               03
 START TIME       21:20
 END TIME         22:20
 START DATE       16/08(SAT)
 TAPE SPEED       SP

 0 :ERASE
 ◀ / ▶ :CORRECT    MENU:END
```
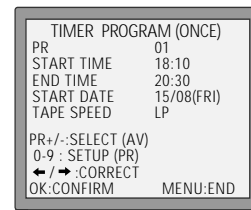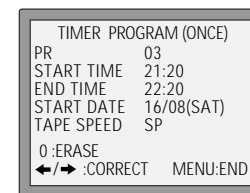
Changing a setting

Select the details you want to change by pressing ◀ or ▶ .

Use the number buttons **0** to **9** to change the settings. Use **PR+** to select the AV channel, to change the tape speed.

When you have made all the changes, press ◀ or ▶ until you see 'OK : confirm' on the bottom line of the screen.
Press **OK**.

Remember to load a cassette and **switch the video off** by pressing ⏻ .

Erasing a setting

Press the number **0**.

Press **OK** to confirm.

Press **MENU** twice to end.

◆ The counter counts in real time from when you load the cassette. This does not have to be at the beginning of the cassette. The counter does not count unrecorded parts of the cassette.

◆ If you rewind the cassette, the counter will count backwards, if you rewind beyond the zero position, the counter counts in negative values for example, – 0:01:15.

Clock and counter display

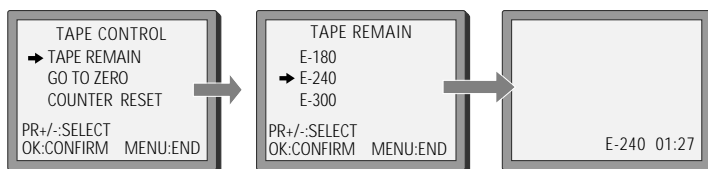This display will only appear when there is a cassette in the video.

```
STOP  SP        PR01  P-01
                STEREO ON



14:00  11/08
```

Press **Ⓐ** once to display the time and date.

Press **Ⓐ** twice to display the counter time and how long is left to the end of the cassette.

Press **Ⓐ** three times to clear the screen.

Remaining time and cassette length

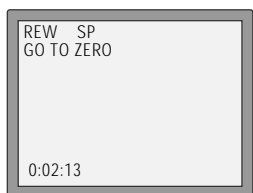This display will only appear when there is a cassette in the video.

Press **MENU** and choose 'Tape Control' by pressing **PR+** and then **OK**

```
      TAPE CONTROL
  ➡ TAPE REMAIN
    GO TO ZERO
    COUNTER RESET

PR+/-:SELECT
OK:CONFIRM   MENU:END
```

```
      TAPE REMAIN
    E-180
  ➡ E-240
    E-300

PR+/-:SELECT
OK:CONFIRM   MENU:END
```

```




              E-240  01:27
```

Choose 'Tape Remain' by pressing **OK**.

Press **PR+** or **PR-** to select the length of your current cassette.

Press **OK** to confirm. The display will show how long is left to the end of the cassette.

This will be displayed for several seconds only.

Finding the counter zero position

This display will only appear when there is a cassette in the video.

```
REW   SP
GO TO ZERO




0:02:13
```

Press **MENU** and choose 'Tape Control' by pressing **PR+** and then **OK**.

Choose 'Go to Zero' by pressing **PR-** and then **OK**.

The video will wind to the position 0:00:00 and stop.

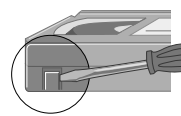**These buttons are used on the following three pages.**

Resetting the counter to zero

This display will only appear when there is a cassette in the video.

```
COUNTER RESET




0:00:00
```
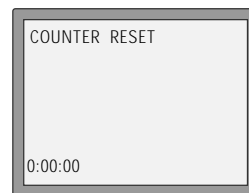
Press **MENU** and choose 'Tape Control' by pressing **PR+** and then **OK**.

Choose 'Counter Reset' by pressing **PR-** twice and then **OK**.

The video will reset the counter to zero.

Cassettes

Use only good-quality cassettes with the VHS logo.

• Keep cassettes away from moisture or dust, magnetic and electrical fields (for example, loudspeakers and computer monitors).

• Always rewind cassettes to the beginning when you have finished using them. Stand cassettes up with the full spool at the bottom. Always keep cassettes in their cases.

You can protect your precious recordings from being recorded over by breaking off the safety tab on the side of the cassette (some cassettes have a slide). When you have removed the tab your video will eject the cassette if ever you try to record onto it.

If you want to record onto the cassette after removing the tab, cover the hole with sticky tape.

We advise you to use a head - cleaning cassette every six months to keep your video in perfect working order.
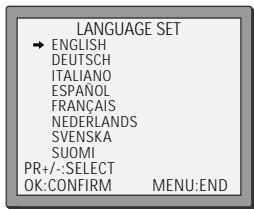
Dimmer

Your video recorder's display will go dim when the video is on stand-by.

Auto power off

If your video is connected through RF, it will switch to stand-by when no station is received for more than five minutes.
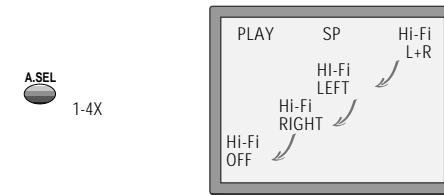
Language Select

Press **MENU**.

Select „VCR SETUP" by pressing **PR-** twice, then press **OK**.
Choose „LANGUAGE SET" by pressing **PR-**, then press **OK**.
Use **PR+** or **PR-** to select the wanted language and press **OK**.

Press **MENU** to confirm

```
         LANGUAGE SET
  ➜ ENGLISH
    DEUTSCH
    ITALIANO
    ESPAÑOL
    FRANÇAIS
    NEDERLANDS
    SVENSKA
    SUOMI
PR+/-:SELECT
OK:CONFIRM      MENU:END
```

The hi-fi system

A.SEL 1-4X

```
PLAY      SP      Hi-Fi
                    L+R
               HI-Fi
               LEFT
          Hi-Fi
          RIGHT
   Hi-Fi
   OFF
```

As well as the normal mono sound track of VHS video recorders, your video has a high-quality hi-fi sound system.

This means you can enjoy the following.
- Films with excellent stereo sound
- Films of full-length concerts in high quality stereo
- Films with impressive surround sound using extra surround-sound equipment
- VHS cassettes with hi-fi stereo sound and also VHS cassette with normal sound.

```
STOP  SP      PR10 EURO
                       BIL
               BIL      I
               II
        BIL
        I+II
 BIL
 OFF
```
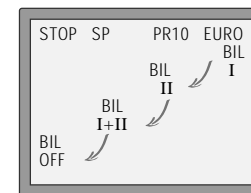
While a bilingual performance is being broadcast

First press: the on-screen display of sound output appears and the main language (original sound track) is selected.

Second press: the video selects the sub-language.

Third press: the video selects both main language and the sub-language.

Fourth press: the video returns to the original soundtrack.

For mono sound performance there is no choice available.

Index

Technical information

Dimensions

Width x height x depth   360 x 91 x 280 mm
Weight   3.3 kg

Power supply

Voltage   200–240V, 50/60Hz
Power consumption   16W

System

Video   PAL -B/G
Channel range   VHF 1 - 11,
UHF 21 - 69,
CATV S1 - S41, x, y, z
(Hyperband)
Channel locations   99 + AUX
RF Out   UHF CH 21 - 69 (36)

Video

System   VHS
Speeds   Short play and long play

Hi-Fi

Frequency response   20 Hz to 20 KHz
Dynamic range   > 80dB
Signal-to-Noise-Ratio   > 60dB

General

Temperature range   5° C to 35° C
Humidity range   < 80 %
Timer   8 events, 1 month

These technical details may change.

-MEMO-

-MEMO-

The video has the time or - -.- - on the display

If while you are setting up the video, the timer or - -.- - is in the display, the video is switched off or has already gone through the autoset procedure (OK has already been pressed). In this case, please turn to page 6 and carry out step 2 until you see the manual tuning screen.

A blue screen is displayed when you switch the video on

If a blue screen appears when you switch the video on, the AV button has been pressed. Press AV on the remote control until P-_ _ appears on the display of the video, or until a TV picture is displayed.

The TV/VCR button on the video remote control will not work

This button will only work if the TV has the appropriate internal switch and a scart lead is connecting the TV and video.

* TV/VCR button is not available for this set

The television will not change channel when the video is turned on

If the television will not change channel while the video is on, check whether a scart lead has been connected. (See page 3 option 2)

If a scart lead has been connected, you need to press the TV/VCR button on the video remote control. When the small VCR symbol appears on the display, you can only change channel by using the video remote control.

If the TV/VCR button on the video remote control does not work, read the instruction book for the TV to find out about an audio video button.

* TV/VCR button is not available for this set

### The video has a number other than 36 when RF appears

A number other than 36 might be displayed on the video when RF is flashing in the display. This means that the number has been adjusted in the past.

The TV needs to be tuned in to get the blue auto set or auto search screen. (Refer to page 6)

Quick-start guide

Please follow the guide from the beginning to the end. Before you connect the video equipment make sure all equipment is switched off at the plug.

Stage 1. Connecting the video to your TV

200-240V, 50/60Hz

Back view of your video
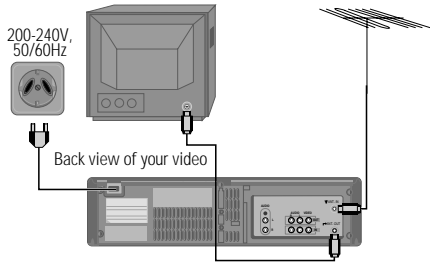
A Fit the batteries into the remote control. Make sure that the (+) and (-) marks on the batteries agree with the (+) and (-) marks inside the battery compartment.
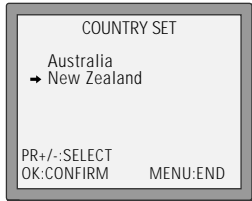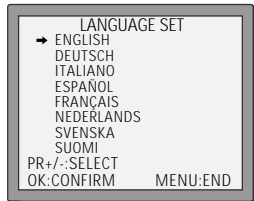**B** Plug your aerial into the ANT IN socket of the video.
C Connect the black aerial lead provided from the ANT OUT socket of the video to your TV aerial socket.
D Plug the video into the mains and turn it on by pressing the POWER button. RF 36 will now be displayed on the front of your video.

There are more details, including how to connect extra equipment, on pages 2, 3 and 5.

Stage 2. Tuning in your TV

```
      LANGUAGE SET
  ➜ ENGLISH
    DEUTSCH
    ITALIANO
    ESPAÑOL
    FRANÇAIS
    NEDERLANDS
    SVENSKA
    SUOMI
PR+/-:SELECT
OK:CONFIRM      MENU:END
```

```
      COUNTRY SET

    Australia
  ➜ New Zealand



PR+/-:SELECT
OK:CONFIRM      MENU:END
```

A Tune a spare channel of your TV until you see the blue 'Language Set' screen. Select the wanted language and country with **PR+** or **PR-** button. Press **OK** to confirm. Store this setting on your TV.

B If there is any distortion (lines, flickering and so on), the video usually recommends a new 'RF' number during the next stage (auto search). Press OK to confirm the new number. Should the video not recommend a new number, see option 2 or 3 on   page 7.

Stage 3. If you already set the language and country set, you can see the followings.
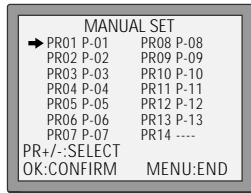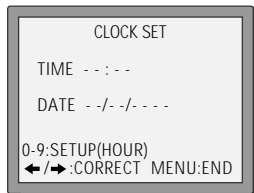
```
      CH 25



    PLEASE WAIT...


              MENU:END
```
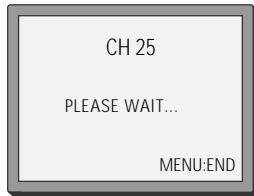
A Point the remote control at the video and press **OK**.
B The video is now tuning all the television stations available in your area.
C If 'Clock Set' appears on the TV screen, please enter the time and date. Use the number buttons **0** to **9** on the remote control. Press **OK** to confirm.
D When 'Manual Set' appears on the TV screen, press **MENU** to end.
F Your video is now set up. If you want to change station names or the programmes they are stored on see pages 10 and 11.

```
      CLOCK SET


  TIME  - - : - -

  DATE  - -/- -/- - - -

0-9:SETUP(HOUR)
◄/► :CORRECT  MENU:END
```

```
        MANUAL SET
  ➜ PR01 P-01    PR08 P-08
    PR02 P-02    PR09 P-09
    PR03 P-03    PR10 P-10
    PR04 P-04    PR11 P-11
    PR05 P-05    PR12 P-12
    PR06 P-06    PR13 P-13
    PR07 P-07    PR14 ----
PR+/-:SELECT
OK:CONFIRM     MENU:END
```

Important : If you switch your video off at the mains overnight you do not have to retune the settings. You will lose the time and date, these will have to be reset (see page 8). If you have had any problems setting up your video , please read the problem-solving guide on page 29.