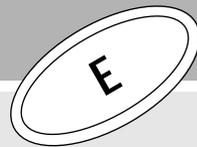
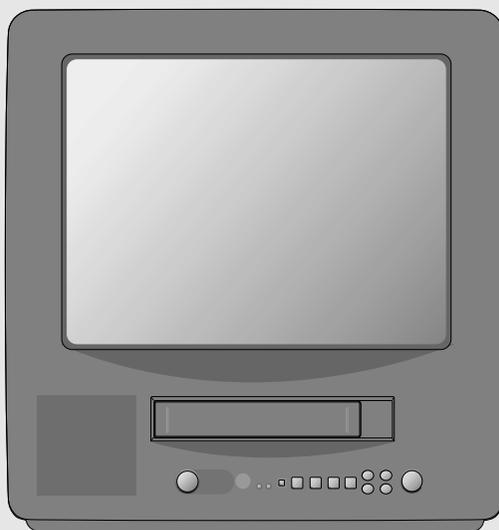


DAEWOO



INSTRUCTION MANUAL



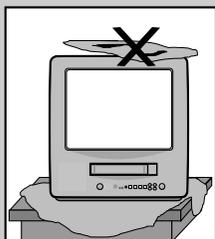
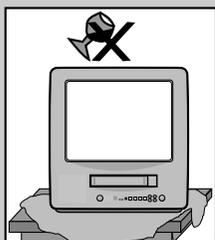
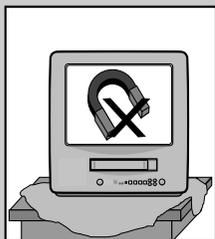
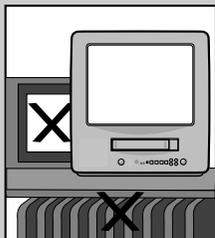
14H1N, 20H1N

14H1T, 20H1T

14H2N, 20H2N

14H2T, 20H2T

W O R T H k n o w i n g



Please keep the video machine's guarantee card receipt safe for warranty purposes.

Precautions

E

- ◆ Read carefully through this manual to familiarise yourself with this high quality televideo.
- ◆ Make sure the rating of your household electricity supply matches that shown on the back of the televideo.
- ◆ Refer to this chapter and the "Initial installation" chapter to help you install and adjust your televideo.

Do not...

- ◆ expose the televideo to high levels of humidity and heat, to avoid the risk of fire and electric shock.
- ◆ open the televideo. Have a qualified technician carry out repairs.
- ◆ connect the televideo to the power supply if you have just moved it from a cold to warm environment. This can result in condensation inside the recorder and cause serious damage to the machine and cassettes. Wait around two hours to allow it to reach room temperature.

Make sure...

- ◆ the televideo is placed on a steady, flat surface.
- ◆ you place the televideo where there is good ventilation all around.
- ◆ you clean the televideo only with a soft, lint-free cloth : do not use aggressive or alcohol-based cleaning agents. (Unplug the set from the mains)
- ◆ you disconnect the power supply if the televideo appears to be working incorrectly, is making an unusual sound, has a strange smell, has smoke emitting from it or liquids have got inside it.
Have a qualified technician check the televideo.
- ◆ you disconnect the power supply and aerial if you will not be using the televideo for a long period or during a thunderstorm.



For your own safety!

- ◆ There are no components in this televideo you can service or repair yourself.
- ◆ Do not open the case of the televideo. Only allow qualified personnel to repair or service your set.
- ◆ This televideo is designed for continuous operation. Switching it off does not disconnect it from the mains (stand-by)
To disconnect it from the mains, you have to unplug it.
- ◆ Recording any copyright protected material may infringe a copyright.



Note : If the televideo is moved or placed in a different direction, the main power switch must be switched off for at least 15 minutes in order to take out colour purity errors on the screen.



Before doing anything with the televideo, please read the chapter "initial installation".

Contentss

E

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Initial installation

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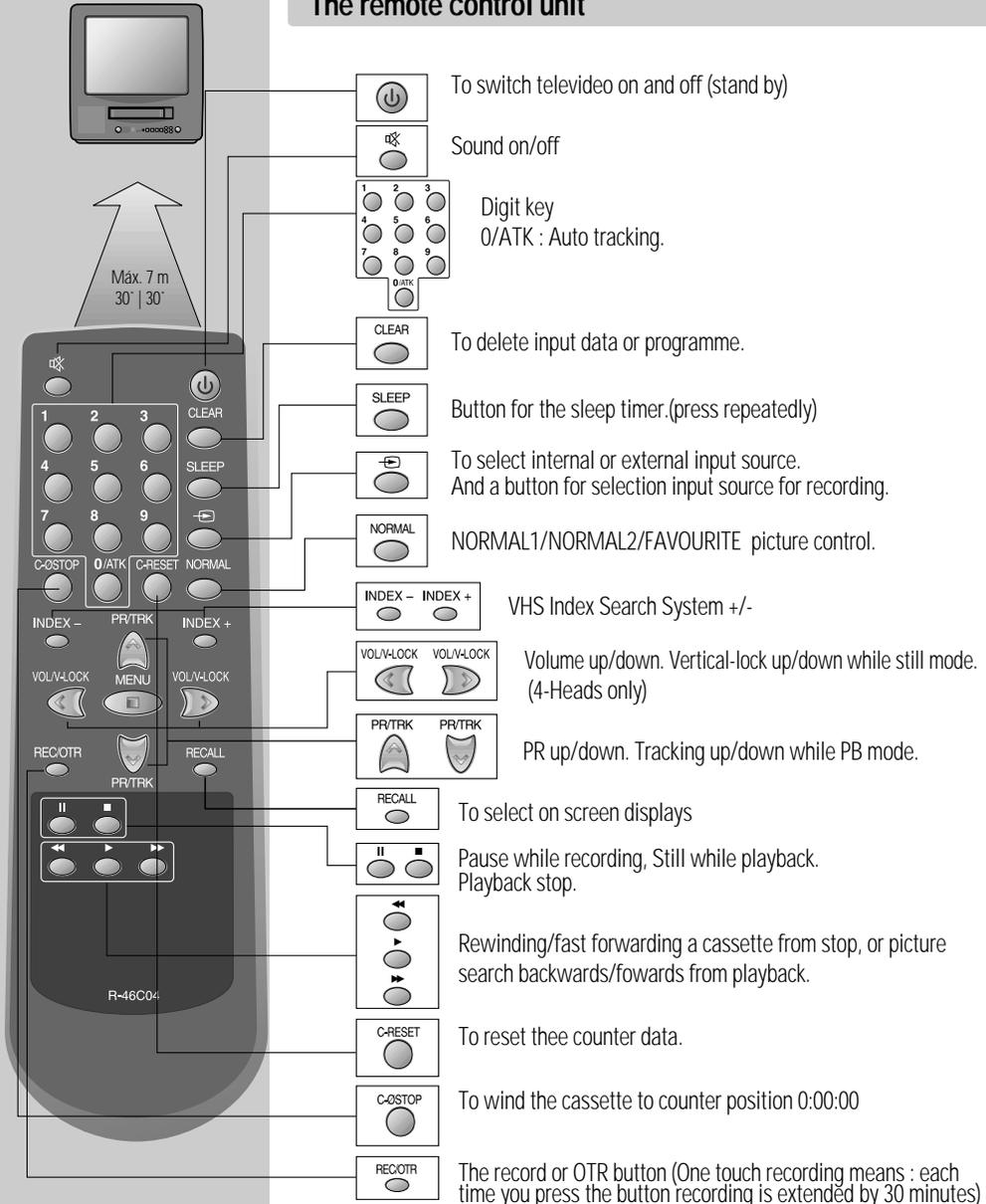


- ◆ On the following pages, the pictures show the buttons you press on the remote control to perform the function, and what you should see in the on screen display or machine display (if present).

CONTROLS

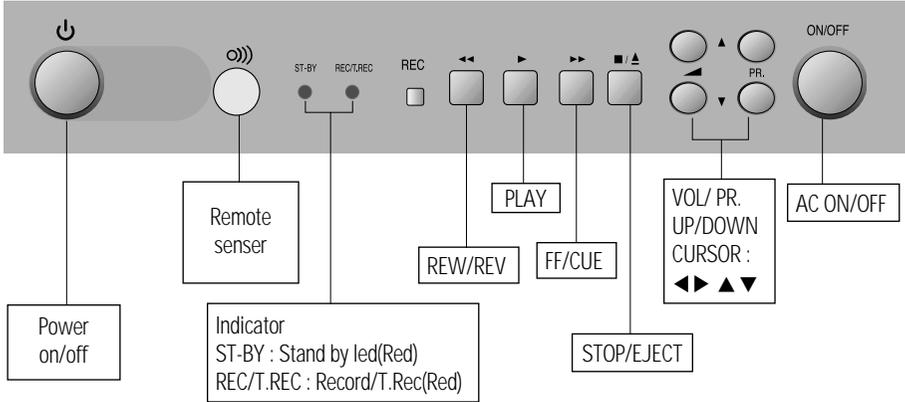
◆ The remote control is the principle means of control, but the main playback and record functions are also available on the front of televideo.

The remote control unit



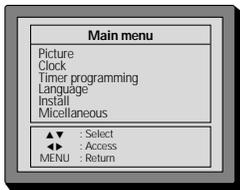
C o n t r o l s

The front panel's button

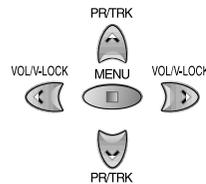


E

On screen display

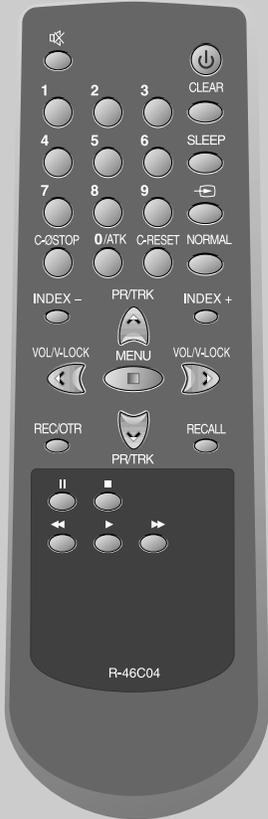


The televideo's menu system gives you easy-to-understand access to the less used functions such as tuning to stations, clock setting and more



The menus show you which button to press for the next step.

INITIAL installation

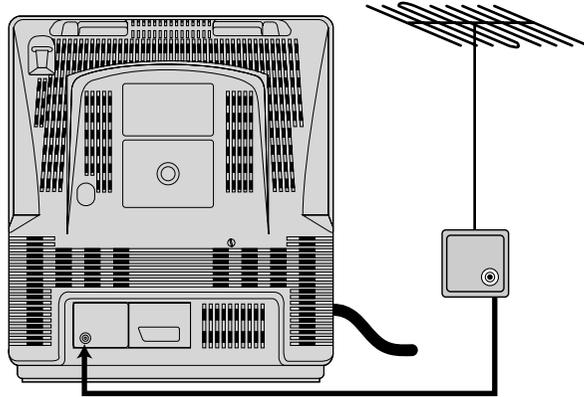


Please your televideo

- ◆ Horizontally on a flat, steady base so that air can circulate around it for ventilation.
- ◆ Away from humidity and heat, magnetic fields, such as those from loudspeakers etc. and with no heavy objects placed on top.

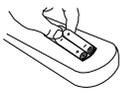
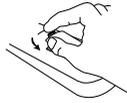
Connecting up the televideo

Switch off all components when connecting or disconnecting cables.



- ◆ Plug the aerial cable into "ANT" socket of the televideo.
- ◆ Make sure the rating of the household mains supply matches the rating shown on the back of the televideo.
Now plug in the mains lead.

Fitting the remote control's batteries

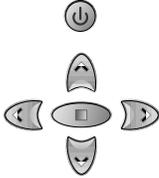
<p>1 Remove the battery cover on the reverse side of the remote control.</p> 	<p>2 Install two batteries ("AAA" size) into the remote control.</p> 	<p>3 Replace the battery cover.</p> 
---	---	--

- ◆ Fit the batteries, size 1.5V AAA as shown above
- ◆ Protect your environment by returning used batteries to your dealer. Since batteries contain toxic substances they require special disposal methods.
- ◆ Make sure the batteries are always of the same type and age, and remove them from the remote control if you not using it for a long period.

I n i t i a l INSTALLATION

- ◆ Press the main power switch on the front panel to turn on the set then the  button. Language, Country selection menus will be displayed. If you select menu you want, Combo will be tuning the channel.

Setting time and date



Call the televideo main menu.
And move the cursor down to the "Clock" line.
Access by pressing the   button.

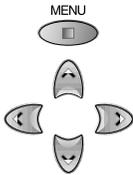
E

Set the numbers for the exact time and the correct date.

Date : dd/mm/yy

Time : hour/min.

Language selection



You can choose to display the on screen menus in English, Deutsch, Italiano, Español, Nederlands, Français, Polski.

To change the on screen language.

Select the language menu at the Main menu.

Place the cursor to "WANT TO Language" with the PR.

  buttons.

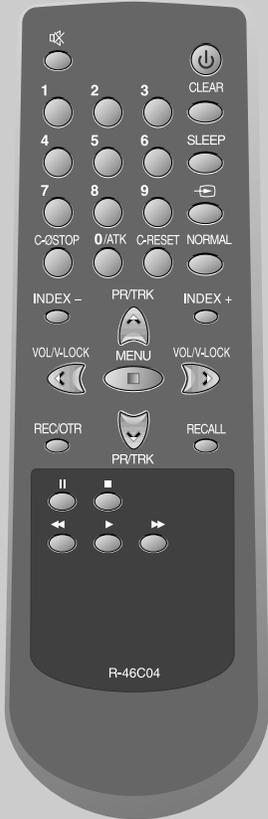


- ◆ Mistake or change?

Move cursor to the position you wish to correct by using    .

- ◆ If you do not set "Date" and "Time" menu, you can not set Wake up timer and Timer programme.

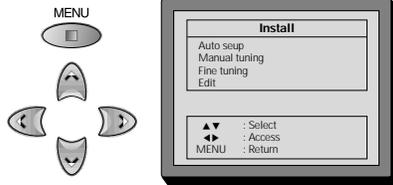
INITIAL installation



- ◆ If you want to use AV(Audio Video input) from a DVD or VCR instead of RF(Aerial input). Press the  button .

Automatic tuning system

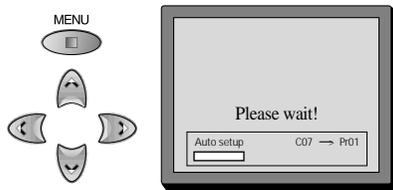
Select the Install menu at the Main menu.
Place the cursor to "Auto setup" with the   buttons.



Press the  button.

Country selection menu will be displayed. Please select country. then access The cursor will move from left to right on the VHF,UHF Band.

Please wait until the Edit menu appears.



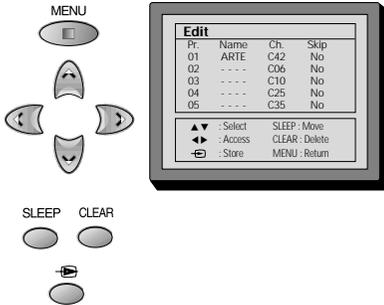
I n i t i a l INSTALLATION

Edit

The Edit menu shows you the programme position assignment.

You can change this programme position assignment according to your personal preferences.

E



Moving the channels

Position the cursor to Pr. No. to move and press the SLEEP button. Select Pr. No. colour will be changed.

Position the cursor to Pr. No. to change and press the SLEEP button.

Skipping the channels

You can select skip "Yes" or "No" with the ◀▶ buttons.

A programme marked with with Skip "Yes" is skipped.

A skipped Pr. No. selected by Digit 0-9 will be displayed in red.

Delete programme position data

Position the cursor to Pr. No. to delete and press the CLEAR button. While this is being carried out the "Please wait !" appears and the deleted Pr.No. will transfer to programme No. 70 and changed skip "Yes".

ABCDEFGHIJKLMNQRST
UVWXYZ+-. 0123456789

Enter a station Name

Press the ◀▶ button.

Station name tables appear above the screen.

Using the ▲▼ button, select the desired letter or number or blank .

If you want to store press button.



Manual tuning

Locate the cursor to Manual tuning with ▲▼ buttons at the Install menu and then press ◀▶ buttons.

During manual tuning "Please wait !" On Screen Display will be displayed.

Keep tuning until the channel received machines the programme number.



Fine tuning

If you are unable to get a good picture or sound because of poor reception, it is possible to adjust the fine tuning.

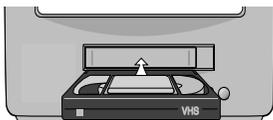
Select the Fine tuning at the Install menu press ◀▶ buttons to get a good picture and sound.

PLAYING cassettes



- ◆ Your televideo is switched on by the main power switch on front panel and by the  button.

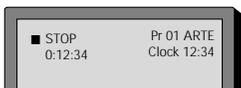
Playing back



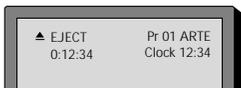
Load the cassette by pushing it smoothly and squarely into the cassette bay, with its windows pointing up.



Start playback
(Remote controller or panel button)



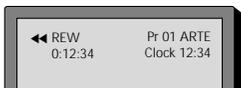
Stop playback
(Remote controller or panel button)



Eject the cassette (Panel button)



Fast forward or rewind the cassette
from stop



(Remote controller or panel button)

- ◆ A smaller picture may be seen while switching from the Search mode to the PB mode. This is not a sign of malfunction.
- ◆ When you load a protected cassette (e.g. pre-recorded film) playback starts automatically.
- ◆ During still, or search, you don't hear the sound.
- ◆ If the still picture is jittering, you can steady it by using the VOL/V-LOCK button. But this 2Heads combo can not guarantee still picture quality.
- ◆ You can reduce horizontal interference stripes resulting from inaccurate tracking (when playing tapes of poor quality or recorded on their machines) by using the PR/TRK buttons during playback or try auto trackin using O/ATK button.
- ◆ After approx. 5 minutes in still, the cassette plays back automatically.

P l a y i n g CASSETTES

- ◆ Your televideo is switched on by the main power switch on the front panel and by the  button.

Still

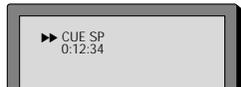


Still picture from playback.

Each press of the button advances the picture one frame. Play () button switches back to normal playback. Although you can see the picture, we can not guarantee still picture quality. Because of Still picture quality is very poor on 2-Heads mechines.

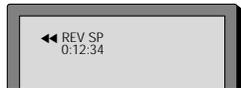
E

Variable picture search

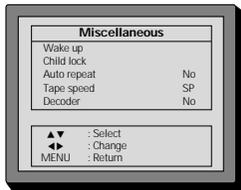
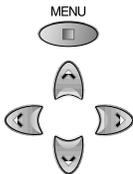


Start from playback you can control search speed in 2 steps either forwards () or backwards (). Press repeatedly.

Play () button switches back to normal playback.



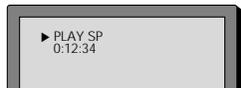
Auto repeat



Move the cursor down to the "Auto repeat" line. Change to "Yes" by cursor  .

Auto repeat works with or without safety tab.

Playback \longrightarrow End of cassette \longrightarrow Rewind \longrightarrow Playback



Note : This televideo has the function of NTSC playback (SP tape only) Don't use NTSC SLP tape. Although you can see the picture and sound, we can not guarantee picture and sound quality.

RECORDING cassettes



- ◆ Your television is switched on by the main power switch on the front panel and by the  button.

Simple recording - REC

  Choose the station whose programme you want to record.

  Start your recording.

  If you wish to interrupt recording briefly -then continue.

  Stop your recording.

One touch recording - OTR

  Choose the station you want and press "REC/OTR" repeatedly until desired period is displayed.

● OTR preparation

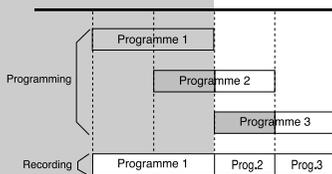
Before setting OTR, Make sure that....

The cassette tape has the safety tab.

The tape is long enough to record the programme.

- ◆ During recording you can switch the screen off pressing  button. Meanwhile the recording continues.
- ◆ You can release the OTR mode by pressing "stop" during REC mode.
- ◆ If the display shows "AV" instead of "PR" press  button.
- ◆ If you program events without setting the time, it will be automatically return to "Clock" mode. If you program events that overlap, at least one of your events will not record correctly.

When recording time overlaps

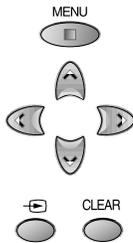


When setting the programmable timer, be careful not to overlap the preset times. If you happen to overlap the preset programs, the End time has priority and the overlapped programmes cannot be recorded.

- ◆ For timer recording, clock, date, and stations must be set correctly.
- ◆ Load a cassette with its safety tab in place and with sufficient free space for the recording.
- ◆ To enter station numbers using the cursors ▲▼.

R e c o r d i n g C A S S E T T E S

Timer recording



Call the televideo's "Main menu", choose "Timer programming".

E

Select a free timer memory.

Set

- the date (date, daily = osd is displayed "day", sun- sat)
- start and end time.
- the recording speed.

- ◆ You can switch your televideo off during recording. (Don't use the main power button (ON/OFF) on the front panel of the set.)
The televideo will switch on and off automatically to record the timer event.
- ◆ If you have made a mistake, move to the position you want to change using the ▲▼◀▶ button and change the setting.
- ◆ The recorder will eject cassettes which have the safety tab removed.

Timer review - erasing or changing

Call the televideo's "Main menu", choose "Timer programming".

Select the programming to erase or change. If you want to erase this programming press button CLEAR.

If you wish to make changes :

Move to the position you want to change using the ▲▼◀▶ buttons.

Change the setting using the ▲▼ buttons.

Auto tracking

If you press the 0/ATK key in Playback mode, the televideo will operate the auto tracking function again.



- ◆ If you wish to record from a satellite receiver select under "Pr" the satellite programme location or AV (depending on the connection with the antenna cable or a SCART cable.)
NB : Leave the satellite tuner switched on and to the programme you want to record.

M O R E f u n c t i o n s

- ◆ Your televideo automatically sets electronic maker (index) at the beginning of each recording and timer recordings. It is these markers which the index function detects.

INDEX +/-

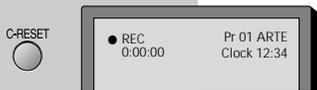


Press the button depending on the number of recordings (index marks) that you wish to wind forward. e.g. 3x for 3 recordings ahead.



Press the button depending on the number of recordings (index marks) that you wish to wind backwards. e.g. 3x for 3 recordings back.

Resetting the counter to zero



Press C-RESET button to reset the counter to 0 : 00 : 00



pressing the C-OSTOP button will cause the televideo to wind to the position 0 : 00 : 00 and stop. When you have finished recording or playing, you can easily return to the point marked in this way.

V-Lock



When changing to still mode while the tape is playback, the vertical synchronization may sometimes be shaken according to the tape condition. At this time, use this key for the better picture screen. Although you can use the feature, we can not guarantee picture quality. Because of picture quality is very poor on 2-Heads mechnes.

Mute



Pressing the mute button once turns the sound of. The sound returns if button is pressed once more. The mute maintains when you press Pr ▲ ▼ or -> buttons.

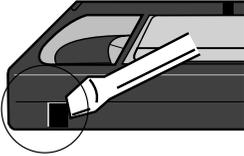
Child lock



Chose "Miscellaneous" of "Main menu". You can prevent use of the Televideo without the remote controller. The set is child locked after you input any secret number subsequently the TV picture will be overlaid with the child lock OSD and the sound will be muted. And VCR playback will be stopped.

M o r e FUNCTIONS

Cassettes



Use only good quality tape cassettes with the VHS logo.

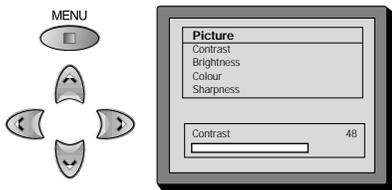
- ◆ Keep cassettes away from excessive moisture or dust, magnetic and electrical fields (loudspeakers and computer, for example).
- ◆ Always wind the tape to the beginning when you have finished. Store with the full spool at the bottom and with the cassette in its cover. You can protect your precious recordings from being wiped by breaking out the safety tab on the side of the cassette (some cassettes have a slide). Should you wish to re-use the tape after removing the tab, cover the hole with adhesive tape.

E

Recording/Playback time of Video tape.

Type	Timer Recording/Playbacktime	
	SP Mode(Standard Play)	LP Mode(Long Play)
E-30	30 min.	1 hours
E-60	1 hour	2 hours
E-90	1 hour 30 min.	3 hours
E-120	2 hours	4 hours
E-180	3 hours	6 hours
E-240	4 hours	8 hours
E-300	5 hours	10 hours

Picture adjustment



Choose "Picture" menu.

Press ◀▶ button to adjust to desired level.

- ◆ When you press the NORMAL button repeatedly you can call up three picture setting for NORMAL1(hard picture), NORMAL2(soft picture),FAVOURITE(adjustable picture).
- ◆ The last set value is automatically stored in FAVOURITE.
- ◆ Note that if you set the brightness and contrast values too low, the On Screen Display becomes so dark. You can not see it.

RECALL

When this button is pressed, the following contents are displayed.

Pr No., Present time (Clock), VCR status, VCR counter.

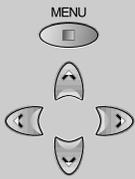
These items remain on screen for about 5 seconds.

During VCR mode (e.g. FF/REW, CUE/REV, VISS+/-,etc) On Screen Display does not disappear.

MORE functions

- ◆ You can program your televideo so that it switches on and/or off (with the selected station) at a time you want.

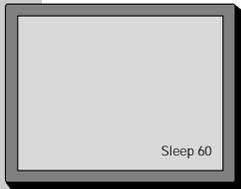
Wake up Timer in Miscellaneous Menu.



Press ◀ ▶ ▲ ▼ buttons to adjust to desired wake up time and Pr. No.

- ◆ Adjusting the "Wake up" once will cause the televideo to switch on every day at the same time (till you clear or change the setting)

Sleep feature



You can set your televideo to automatically switch off after a period of 20 to 120minutes.

By pressing the sleep button repeatedly.

To cancel select "0"

- ◆ In eject mode if the Playback, FF/REW, STOP/EJECT, VISS+/- key is pressed  symbol On Screen Display is displayed.

Connections and ASSEMBLING

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

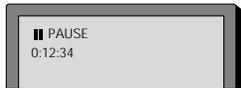
Assembling

Should you wish to assemble your own film, from camcorder footage for example, use the assembly technique for smooth edit points :

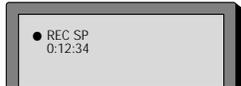
E



- ◆ Move the tape to the position at which the new scene is to be added using the play functions



- ◆ Wind back slightly before the edit point and put the machine into pause using the PAUSE button (Don't press STOP)



- ◆ 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

Copying

To copy to your televideo from another video machine, connect the two machines with a cable between their AV socket and select as programme "AV". The AV socket on these machines is the scart socket at the rear. Using the  button.

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

Picture and sound of the selected station is always available on the EURO AV socket, e.g. to record with another VCR.

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

Switch your televideo to playback at the position you want copying to start.

Connections and ASSEMBLING

Scart socket

This is used to connect : a VCR a CAMCODER and a video game console or satellite TV receiver or DVD.
In most cases, the set changes automatically to AV mode, when the VCR connected is in playback mode.
If not, press the AV button on the remote controller.

The AV will be displayed on the screen with the current programme number.

In AV mode, you can change the TV programme number with the ▲ ▼ buttons or the Number buttons 0-9.
You must turn the external equipment off to return to the TV mode or press the  button.

PIN	Signal Designation	Matching Values
1	Audio Out (linked with 3)	0.5Vrms, Imp < 1kΩ (RF 60% MOD)
2	Audio In (linked with 6)	0.5Vrms, Imp > 10kΩ
3	Audio Out (linked with 1)	0.5Vrms, Imp < 1kΩ (RF 60% MOD)
4	Audio earth	
5	Blue earth	
6	Audio In (linked with 2)	0.5Vrms, Imp > 10kΩ
7	Blue In	0.7Vpp ±3 dB, Imp 75Ω
8	Slow (Function) Switching	TV : 0-2V, PERI : 9.5-12V, Imp > 10kΩ
9	Green earth	
10	NC	
11	Green In	0.7Vpp ±3 dB, Imp 75Ω
12	NC	
13	Red earth	
14	NC	
15	Red In	0.7Vpp ±3 dB, Imp 75Ω
16	Rapid Blanking Switching	Logic 0:0-0.4V, Logic 1:1-3V, Imp 75Ω
17	Video earth	
18	Rapid Blanking Earth	
19	Video Out	1Vpp ±3 dB, Imp 75Ω
20	Video In	1Vpp ±3 dB, Imp 75Ω
21	Common earth	

- ◆ In SCART Slow SW mode, when you insert the tape without tab, it will playback.
But, in SCART Fast SW mode, when you insert the tape without tab, it will not playback and only loading.
- ◆ If you insert the SCART plug in playback status it will change to scart mode and VCR will be modified to stop mode.

Connections and ASSEMBLING

Before requesting service

E

Mains supply

the televideo's power indicator does not light your televideo doesn't work

- The mains lead is not connected to the wall socket.
- Condensation may have formed when moving the televideo from a cold to a warm room.
Wait until the video reach room temperature.
- Various safety devices have been triggered.
→ Switch off the main power supply and switch it on once again, after waiting a few minutes.

Recording

doesn't start, the cassette starts playback or is ejected.

- Is a cassette loaded?
- Has the record tab been removed from the tape?

Play back

no colour in picture reproduction, on tape playback
Snowy picture on tape playback

- Has tracking been adjusted? → Adjust the tracking
- Are the video heads dirty? → Request professional service
- Are the video heads worn out?
→ Replace them.
- Is the tape old?

The digits of the tape counter do not change, during tape playback.

- Is a non-recorded part of the tape being played back?
→ When a non-recorded part of the tape is played back, The tape counter does not advance.

A cassette won't load.

The cassette won't FF/REW,PB,REC
Timer is recording incorrectly
A loud noise when left in Stop mode.

- Is there a cassette already loaded?
- The cassette is already fully wound back or to the end.
- Is the clock set correctly?
- If no play or record function is used for about 5minutes when left in Stop mode, the televideo switches its motor off to conserve the machanism.

◆ We strive to continuously improve our products - we therefore reserve the right to make technical changes without notice. The information contained in this booklet is therefore subject to change and is not legally binding.