

OPERATING INSTRUCTIONS

Thank you for buying a Philips TV-Video combi. This TV-Video combi is one of the most sophisticated and easy-to-use TV-Video combi on the market. Please take the time to read this operating manual before using your TV-Video combi. It contains important information and notes regarding operation. The TV-Video combi should **not be turned on immediately after transportation** from a cold to a hot area or vice versa, or in conditions of extreme humidity. Wait at least **three hours** after transporting the device. The TV-Video combi needs this time in order to become acclimatised to its new environment (temperature, air humidity, etc.).



This TV-Video combi is used for the recording and playback of VHS videocassettes. Cassettes with the VHS-C label (VHS cassettes for camcorders) may only be used with a suitable adapter.

We hope you enjoy your new TV-Video combi.

Important notes regarding operation

- Danger: High voltage!**
There is a risk of an electrical shock!
- The TV-Video combi does not contain any components that can be repaired by the customer. Please leave all maintenance work for qualified personnel.
- As soon as the TV-Video combi is connected to the power supply, some components are in constant operation. To-switch off the TV-Video combi completely you must disconnect it from the mains or switch it off with the main switch.
- Make sure that air can circulate freely through the ventilation slots on the TV-Video combi. Do not place the device on an unsteady base.
- Make sure that no objects or liquids enter the TV-Video combi. Do not place vases or the like on the TV-Video combi. If liquid is spilt into it, immediately disconnect the TV-Video combi from the power supply and call After-sales Service for advice.
- Do not place any combustible objects on the device (candles, etc.).
- Make sure that children do not place any foreign objects within the openings or ventilation slots.

EN

- These operating instructions have been printed on non-polluting paper.
- Deposit old batteries at the appropriate collection points.
- Please make use of the facilities available in your country for disposing of the packaging of the TV-Video combi in a way that helps to protect the environment.
- This electronic device contains many materials that can be recycled. Please enquire about the possibilities for recycling your old device.

SHOWVIEW®

ShowView is a registered trademark of Gemstar Development Corporation. The ShowView system is manufactured under licence from Gemstar Development Corporation.

So that you can identify your machine for service questions or in the event of theft, enter the serial number here. The serial number (PROD.NO.) is printed on the type plate fixed at the back of the device.

<p>MODEL NO. : 14PV374/58, 21PV375/58 PROD. NO.</p>

This product complies with the requirements of Directive 73/23/EEC +89/336/EEC +93/68 EEC.

Specifications

- Voltage:** 220-240V/50Hz
- Power consumption (Standby):** less than 5W
- Rewind time:** less than 70 seconds (cassette E-180)
- Number of video heads :** 2
- Recording/playback time:** 3 hours (SP) (cassette E-180), 6 hours (LP) (cassette E-180)
- 14PV374**
- Weight without packing in kg:** 11.5
- Dimensions in cm (HxWxD):**40.0x37.3x38.0
- Power consumption :** 52W
- 21PV375**
- Weight without packing in kg:** 20.6
- Dimensions in cm (HxWxD):**51.1.x50.0x49.5
- Power consumption :** 65W

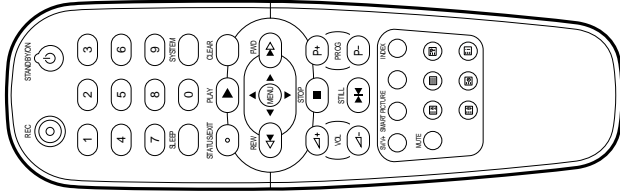
Supplied accessories

- Operating instructions
- Remote control and batteries



IN BRIEF

The remote control



CLEAR To delete last entry/Clear programmed recording (TIMER).

REC To record the TV channel selected at this moment or press repeatedly to start a One-Touch Recording.

STILL To stop the tape and show a still picture.

PROG P+ **PROG P-** To select the programme number. During normal or slow motion playback, press to adjust the tracking or vertical jitter.

MUTE To eliminate the sound. Press again to restore the volume.

VOL+ **VOL-** To adjust the volume.

SYSTEM To change the video (colour) system.

SLEEP To select the switch-off time in 30 minutes intervals.

INDEX : To switch TELETEXT on or off, or transparent mode.

BLUE : enlarge font

RED : select TELETEXT sub-page

GREEN : recall hidden information

YELLOW : stop page changes

PICTURE : go back to start page.

SV/+ **Red button** / To programme recordings with Show View or to alter / clear programmed TIMER recordings. Select TELETEXT function when you are in TELETEXT mode.

SMART PICTURE **Green button** / To call up preset picture settings. Select TELETEXT function when you are in TELETEXT mode.

Yellow button / Select TELETEXT function when you are in TELETEXT mode.

INDEX **Blue button** / Search for the previous/next recording code on the tape in combination with **REW** /

FWD . Select TELETEXT function when you are in TELETEXT mode.

STANDBY/ON To switch TVCR on or off, interrupt menu function.

MENU To call up main menu of TVCR.

STATUS/EXIT To access or remove the TVCR's on-screen status display. To exit on-screen menus.

0.9 Press to select channels.

FWD When tape playback is stopped, press to fast forward the tape at high speed. During playback, press to fast forward the tape while the picture stay on the screen. To store or confirm entry in the menu. Press to adjust the controls of TVCR menu.

REW When tape playback is stopped, press to rewind the tape at high speed. During playback, press to rewind the tape while the picture stay on the screen. To return the cursor in the menu. Press to adjust the controls of TVCR menu.

PLAY To play a tape, select an item in the menu of TVCR.

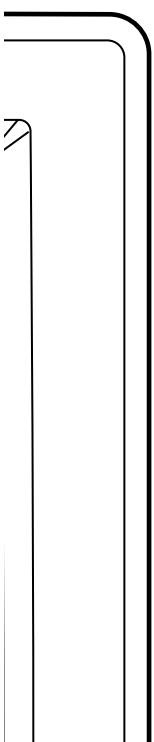
STOP To stop the tape, select an item in the menu of TVCR.



Front of the device

14PV374

21PV375

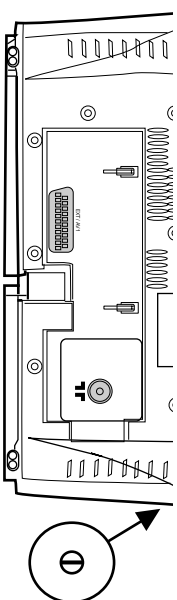


- Standby/on:** To switch TV/CR on or off; interrupt menu function.
- Volume:** In connection with the button to adjust the volume.
- Programme number minus:** previous programme number
- Programme number plus:** next programme number
- Record:** To record the programme currently selected.
- Playback:** To play a recorded cassette.
- Pause/Stop, eject cassette:** To stop the tape; If this key is depressed while in STOP, the cassette is then ejected from the machine.
- When tape playback is stopped, press to fast forward the tape at high speed.**
- When tape playback is stopped, press to rewind the tape at high speed.**
- Sockets on the front:**
 - White socket / AUDIO input socket:** To connect a camcorder or video games (audio).
 - Yellow socket / VIDEO input socket:** To connect a camcorder or video games (video).
 - Small socket / socket for headphones:** To connect headphones.

Back of the set

14PV374

21PV375



- Aerial input socket:** To connect the aerial cable
 - Scart socket :** To connect a satellite receiver, decoder, video recorder, etc
 - Power switch:** To switch the TV-Video Combi off.
- Caution:** If you switch off using the power switch, TIMER-recordings are impossible!

The control lights at the front of machine

- STANDBY** ● **Standby light:** lights up when the TV-Video Combi has been switched on by means of the main switch.
- RECORD** ● **Recording light:** lights up during recording.
- FAST blink: RECORDING PAUSE; TIMER RECORDING NOT STAND-BY.**
- SLOW blink: TIMER RECORDING** is stored in a timer block.

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1. Connecting the TV-Video Combi

Preparing the remote control for operation

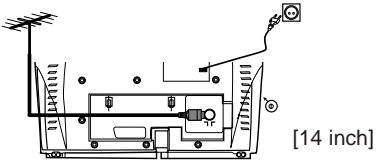
The remote control and its batteries are packed separately in the original TV-Video Combi packaging. You must install the batteries in the remote control before use.



1. Take the remote control and the enclosed batteries (2 batteries).
2. Open the remote control's battery compartment and place the batteries in it as shown in the picture and close the battery compartment.

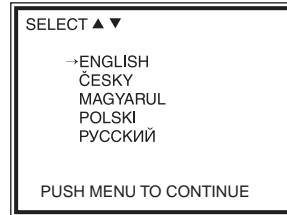
The remote control is now ready to use. Its range is approximately 7 metres.

Connecting the cable



1. Insert the aerial cable plug into the AERIAL at the back of the TV-Video Combi.
2. Connect the mains cable to the wall socket.
3. If the little red standby light (STANDBY ●) at the front panel of the set is not lit, please switch on the set using the main power switch. The power switch [] is located on the left side panel of the set.

4. Language setting picture will appear on the screen.

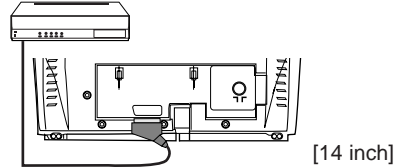


I do not see a Language setting picture
* Check the cable connections.

You can find more details in chapter 'Preparation for use'.

Connecting additional devices

You can connect additional devices such as decoders, satellite receivers, camcorders, etc. to the EXT1 socket.



The respective scart socket is usually marked 'AV' or 'TV' on the decoder or satellite receiver.

2. Important notes for operation

Switching on

You can switch on the TV-Video Combi with [STANDBY/ON ○].

If you press [PLAY ▶▶], [STOP ■▼], [PROG P+], [PROG P-], [FWD ▶▶▶], [REW ◀◀◀] or [0.9] while the set is in Stand-by, the power will be automatically turned on.

Note that the keys [0.9] will be inactive for about 5 seconds just after having switched the TV-Video combi off.

Power outage/no power

Channel information remains saved for up to 10 year, the time and timer information is saved for up to 1 minute.

Navigation in the screen menu

You can check/change many functions and settings of your TV-Video Combi via on-screen menu. The individual functions are selected, via the remote control as follows:

Call up the menu: with [MENU].

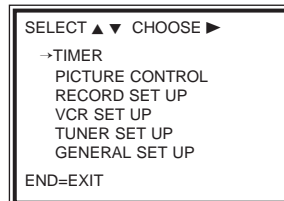
To select: with [PLAY ▶▶] [STOP ■▼].

To enter or change your selection: with the number buttons [0.9] or with [PLAY ▶▶] [STOP ■▼].

To save or confirm: with [FWD ▶▶▶].

To cancel: with [CLEAR].

To end: with [STATUS/EXIT].



3. Installing your TV-Video Combi

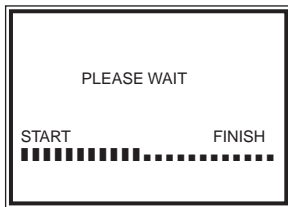
Preparation for use

This chapter shows you how to prepare your TV-Video Combi for use. The TV-Video Combi automatically seeks out and stores all available TV channels.

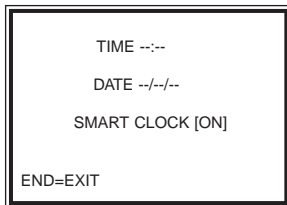
Connecting additional devices

After you have connected additional devices (satellite receiver, etc.) through the aerial cable, switch them on. The automatic channel search will recognise them and save them.

1. Select the desired language for the on-screen menu by pressing **[PLAY ▶▶▶]** **[STOP ■▼]**.
2. Press **[MENU]**.
3. Confirm with **[PROG P+]**.
The automatic TV channel search starts.



4. 'TIME' and 'DATE' will appear on the TV screen.



5. Check 'TIME'. If required, please change the time with the number buttons **[0-9]**.
6. Check if the displayed settings for 'DAY', 'MONTH' and 'YEAR' are correct.
7. When all information is correct, save by pressing **[STATUS/EXIT]**.

The preparation for use is now complete.

Satellite receiver

If you are connecting a satellite receiver, please read the section 'Using the satellite receiver'.

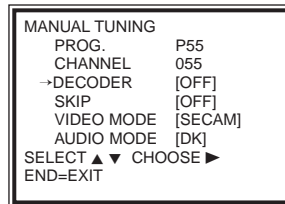
Decoder

If you are connecting a decoder, you must install it as described in the next section.

Decoder allocation

Some TV channels transmit encoded TV signals which can only be viewed with a commercially purchased or hired decoder without disturbances. You can connect such a decoder to this TV-Video Combi. The following function will automatically activate the connected decoder for the desired TV channel.

1. Use **[PROG P+]**, **[PROG P-]** or **[0-9]** to select the TV channel which you would like to allocate the decoder to.
2. Press **[MENU]**. The main menu will appear.
3. Use **[PLAY ▶▶▶]** **[STOP ■▼]** to select 'TUNER SET UP'. Then press **[FWD ▶▶▶▶]**.
4. Use **[PLAY ▶▶▶]** **[STOP ■▼]** to select 'MANUAL TUNING'. Then press **[FWD ▶▶▶▶]**.
5. Use **[PLAY ▶▶▶]** **[STOP ■▼]** to select 'DECODER'.



6. Use **[FWD ▶▶▶▶]** to select 'ON' (Decoder switched on).

How can I switch off the decoder?

Use **[FWD ▶▶▶▶]** to select 'OFF' (Decoder switched off).

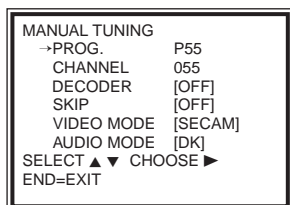
7. To end, press **[STATUS/EXIT]**.

The decoder has now been allocated to this TV channel.

Manual TV channel search

In some cases it can occur that all TV channels are not found and saved during the first installation. In this case, the missing TV channels must be searched for and stored manually.

1. Press **[MENU]**. The main menu will appear.
2. Select 'TUNER SET UP' with **[PLAY ▶▶▶]**, **[STOP ■▼]** and confirm with **[FWD ▶▶▶▶]**.
3. Select 'MANUAL TUNING' with **[PLAY ▶▶▶]**, **[STOP ■▼]** and confirm with **[FWD ▶▶▶▶]**.
4. Select 'PROG.' with **[PLAY ▶▶▶]**, **[STOP ■▼]**. Then press **[FWD ▶▶▶▶]**.



5. With **[PLAY ▶▶▶]**, **[STOP ■▼]** or **[0.9]**, select the desired programme number that you want to use for the TV channel, e.g. 'P01'. Then press **[FWD ▶▶▶▶]**.

What is a special channel?

TV channels are transmitted in certain pre-defined frequency ranges. These ranges are divided into channels.

A specific frequency/channel is assigned to each TV station.

Certain frequency ranges are specified as special channels (hyperband channels).

6. Select 'CHANNEL' with **[PLAY ▶▶▶]**, **[STOP ■▼]**, and confirm with **[FWD ▶▶▶▶]**. Then enter the desired channel with **[0.9]**.

When a channel is found, it will stop searching. If this is the channel you want, press **[FWD ▶▶▶▶]**. If you set 'SKIP' on for a channel, this channel will be ignored when going through the channels with **[PROG P+]** or **[PROG P-]**.

To search for other TV channels, begin again at step 4.

I don't know the channels for my TV stations

In this case, press **[PLAY ▶▶▶]**, **[STOP ■▼]** in 'CHANNEL' to start the automatic channel search. A changing channel number will appear on the TV screen. Continue the automatic search until you have found the desired TV channel.

7. To end, press **[STATUS/EXIT]**.

How do I change 'VIDEO MODE' or 'AUDIO MODE'?

If you want to change the video or audio mode, select 'VIDEO MODE' or 'AUDIO MODE' with **[PLAY ▶▶▶]**, **[STOP ■▼]**. Then, press **[FWD ▶▶▶▶]** to select your desired mode.

Using the satellite receiver

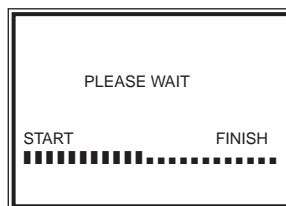
You can receive channels from the satellite receiver via the scart socket **[AV1/EXT1]**.

To do this, select the channel number 'AV1' by pressing 0,0,1, with the keys **[0.9]** on the remote control. You will have to select the channel you want to receive on the satellite receiver itself.

Automatic Tuning

During installation, all available TV channels are searched for and saved. If the channel assignments of your cable or satellite TV provider change or if you are reinstalling the TV-Video Combi, e.g. after moving house, you can start this procedure again. This will replace the TV channels already saved with the new ones.

1. Press **[MENU]**. The main menu will appear.
2. Select 'TUNER SET UP' with **[PLAY ▶▶▶]**, **[STOP ■▼]** and confirm with **[FWD ▶▶▶▶]**.
3. Select 'AUTO TUNING' with **[PLAY ▶▶▶]**, **[STOP ■▼]**, and confirm with **[FWD ▶▶▶▶]**.



4. The automatic TV channel search starts. This allows the TV-Video Combi to save all available TV channels. This procedure may take several minutes.
5. When the TV channel search is complete, 'AUTO TUNING COMPLETED' will briefly appear on the TV screen.

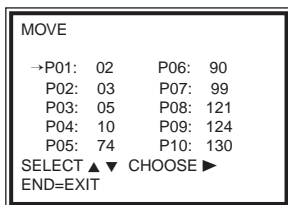
Sorting and clearing TV channels manually

You can use this function to individually sort the TV channels already saved or to delete unwanted TV channels or those with poor reception.

The clock resets automatically

If you save a TV channel that transmits TXT/PDC on programme number 'P01', date and time will and constantly be updated. As a result, time changes, i.e. daylight savings time, will be set automatically.

1. Press **[MENU]**. The main menu will appear.
2. Select 'TUNER SET UP' with **[PLAY ▶-▲]** **[STOP ■-▼]** and confirm with **[FWD ▶▶-▶]**.
3. Select 'MOVE' with **[PLAY ▶-▲]** **[STOP ■-▼]**, and confirm with **[FWD ▶▶-▶]**.



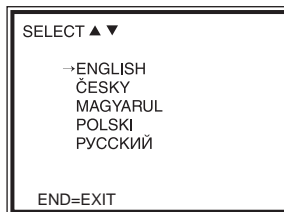
4. With **[PLAY ▶-▲]** **[STOP ■-▼]**, select the saved TV channel that you want to move.
5. Confirm with **[FWD ▶▶-▶]**.
6. Move the selected channel with **[PLAY ▶-▲]** **[STOP ■-▼]** to the programme number you want to assign. Then press **[FWD ▶▶-▶]**. The programme number will change to ' _ _ '.
7. Confirm with **[FWD ▶▶-▶]**.
8. To assign other TV channels to a programme number, repeat steps 4 to 7.
9. Confirm the assignment of the TV channel with MOVE menu.
10. To exit the MOVE menu, press **[STATUS/EXIT]**.

Setting the language

You have the option of setting one of the displayed languages for the on-screen menu (OSD).

1. Press **[MENU]**. The main menu will appear.
2. Select 'GENERAL SET UP' with **[PLAY ▶-▲]** **[STOP ■-▼]** and confirm with **[FWD ▶▶-▶]**.

3. Select 'LANGUAGE' with **[PLAY ▶-▲]** **[STOP ■-▼]** and confirm with **[FWD ▶▶-▶]**.

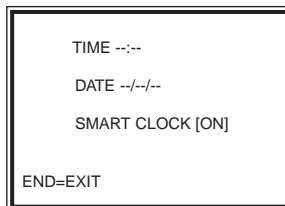


4. Select the desired language with **[PLAY ▶-▲]** **[STOP ■-▼]**.
5. To end, press **[STATUS/EXIT]**.

Setting the clock

If the display shows an incorrect time or ' --:-- ' the time and date must be reset manually.

1. Press **[MENU]**. The main menu will appear.
2. Select 'GENERAL SET UP' with **[PLAY ▶-▲]** **[STOP ■-▼]** and confirm with **[FWD ▶▶-▶]**.
3. Select 'CLOCK' with **[PLAY ▶-▲]** **[STOP ■-▼]** and confirm with **[FWD ▶▶-▶]**.



4. Check the time in 'TIME'. If required, please change the time with **[0.9]**.
5. Check 'DAY', 'MONTH' and 'YEAR' in the same way.
6. Choose 'SMART CLOCK' ON or OFF with **[FWD ▶▶-▶]**.
7. To end, press **[STATUS/EXIT]**.

Time/date is displayed incorrectly despite manual setting

* With Smart Clock, if you save a TV channel that transmits TXT/PDC on programme number 'P01', date and time will automatically be updated when the TV-Video Combi is in Stand-by.

If you wish to switch this automatic time correction off, select 'OFF' for Smart Clock. You can reactivate this function at any time by selecting Smart Clock 'ON'.

4. TV set functions

Selecting a TV channel

Select the desired TV channel (= the programme number) with **PROG P+**, **PROG P-** or with **0..9** on the remote control.



Selection of the scart socket



To select the Scart socket, please enter 0,0,1, with the keys **0..9** on the remote control. AV1 appears on the screen.

Selection of the front A/V sockets

To select the front A/V sockets, please enter 0,0,2, with the keys **0..9** on the remote control. 'AV2' appears on the screen.

Volume control

You can adjust the volume using **VOL** , **VOL**  on the remote control.




If you would like to change the volume on the machine, press  or  on the TV-Video Combi.

If you want to mute the sound temporarily (e.g.:during a telephone call), press **MUTE** on the remote control. When you press **MUTE** again, the sound will return at its original volume level.

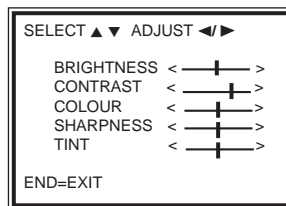
Picture settings

The picture can be adjusted according to your personal preferences.

These settings are automatically stored after exiting the main menu.

1. Press the **MENU**. The main menu will appear.
2. Select 'PICTURE CONTROL' with **PLAY**  **STOP**  and confirm with **FWD**  ..

3. Select an item using **PLAY**  **STOP** , and then modify with **REW**  **FWD** .






4. To end, press **STATUS/EXIT**.


'TINT' appears only when playing a tape recorded with NTSC system.

How do I read TELETEXT?

Many TV channels transmit TELETEXT information along with their TV channels. With this TV-Video Combi you can retrieve this information and display it on the screen using the built-in TELETEXT decoder.






1. Press  to switch the TELETEXT decoder on. Your TV-Video Combi will now show TELETEXT for the TV channel you have selected. Press  again to show TELETEXT in transparent mode.
2. If you want to select another page, type in the number of the page with the number buttons **0..9** on the remote control.

With the colour buttons on your remote control you can directly select the page numbers shown at the bottom of the TV screen. The button  takes you back to the start page.

3. Press  to switch the TELETEXT decoder off.

Special TELETEXT functions

In TELETEXT mode you can use the special TELETEXT functions.

- : enlarge font
- : select TELETEXT sub-page
- : recall hidden information
- : stop page changes
- : go back to start page

SMART Picture

You can change the picture setting during playback.

1. Press **[SMART PICTURE]** to show the current picture setting.
2. Press **[SMART PICTURE]** again to select the picture setting of your choice.
 - 'NATURAL': best all-purpose-setting to watch a well-recorded tape (natural picture).
 - 'SPORTS': accentuate the details. Valuable to watch high quality tapes or recorded sport events.
 - 'MOVIE': to get the best picture when you play a movie.
 - 'WEAK SIGNAL': for rented tapes. It reduces the noise, making the picture more enjoyable.
 - 'VIDEO GAMES': best setting when playing a video game.

Switch-off function (SLEEP TIMER)

You can programme your set to switch-off automatically after a predetermined period.

1. Press **[SLEEP]**.
 2. Press **[SLEEP]** repeatedly to extend the time until switch-off in 30 minute increments.
 - The screen will show the time remaining until switch-off, e.g.: '+0:30'
- The machine now counts backwards to the switch-off time.

The maximum time period to be set until switch-off is 2 hours.

If you would like to turn this function off, press **[SLEEP]** on the remote control several times until switch-off appears. '---' will appear on the screen.

To check the time until switch-off, press **[SLEEP]** on the remote control.

If a recording is in process, switch-off function will be cancelled.

5. Playback

Playing cassettes

You can use this TV-Video Combi to playback recorded VHS video cassettes. You can operate the TV-Video Combi using the remote control or the buttons on the set.

Your TV-Video Combi can only record and play standard VHS cassettes.

1. Put a cassette into the cassette slot. The cassette is inserted automatically.

DIGITAL STUDIO PICTURE CONTROL

Philips has developed a system which produces the best possible playback quality. For old and often-used video cassettes, this system reduces interference. For new or high quality cassettes, it emphasises the details.

Picture/ sound quality is poor

When playing rental videos or older, poorer quality cassettes, it may not be possible to completely filter out picture and sound interference. This is not a fault in your machine. Read the section 'Manual tracking'.

2. Press **[PLAY ▶▶]** to view the tape.
3. To stop the playback, press **[STOP ■▼]** or **[STOP/EJECT]** on the TV-Video Combi.
4. To eject the cassette, press **[EJECT ▲]** or **[STOP/EJECT]** when the TV-Video Combi stops the playback.

Do I need to change the playback speed when playing back LP recordings?

During playback, the correct speed will automatically be selected. For more information, please read the section 'Selecting the recording speed (SP or LP)' in the chapter 'Manual recording'.

Playing back NTSC cassettes

Cassettes that have been recorded in the NTSC standard (for example, American cassettes) can be played back using this TV-Video Combi.

Displaying current tape position

The following information is displayed on the screen: e.g.: 0:02:45 shows the counter in hours, minutes and seconds.

SP/LP: will show the recorded speed of your cassette

'REM 0:06': will show the actual amount of playing/recording time left on the tape in hours and minutes.

When you play an NTSC cassette, the TV-Video Combi will show 'REM -:-'.

How can I set the counter to '0:00:00'?

You can set the counter to '0:00:00' with **[CLEAR]**.

When you put a cassette in the TV-Video Combi, the counter will automatically reset to '0:00:00'.

The counter does not move

This occurs when there are no recordings on a portion of a tape. This is not a fault in your TV-Video Combi.

The screen shows '-0:01:20'

If you rewind a cassette from the tape position '0:00:00', the counter will show for instance, '-0:01:20' (the cassette was rewound to 1 minute and 20 seconds before '0:00:00').

'-:--' is displayed in the 'REM' counter

This counter will automatically recognise the length of the tape. In addition, when you put in a cassette the TV-Video Combi must first calculate the time played. Therefore, '-:--' appears first and only after the tape has been running for a few seconds, the correct playing time will be shown.

Searching for a tape position with picture (scanning)

1. While a cassette is playing, press **[REW<<-<]** (reverse) or **[FWD>>->]** (forward) one or more times.
2. Press **[PLAY▶->]** to resume playback.

Still picture

1. During playback, press **[STILL▶<]** to stop the tape and display a still picture.
2. To continue playback, press **[PLAY▶->]**.

Scanning and still motion interferes with the picture quality. The sound is switched off. This is not a fault in your TV-Video Combi.

Searching for tape position without picture (forward wind and rewind)

1. Stop the tape with **[STOP■-▼]**.
2. Press **[REW<<-<]** (reverse) or **[FWD>>->]** (forward).
3. To stop the tape, press **[STOP■-▼]**.

Index search

Every time a tape is recorded, an index mark is written on the tape.

These marked positions can be found again quickly and easily later.

1. To search for the previous marking, press **[INDEX]** and then **[REW<<-<]**.
2. For the next marking, press **[INDEX]** and then **[FWD>>->]**.
3. As soon as the TV-Video Combi finds this marking, it automatically switches to playback.

Manual Tracking

To adjust the tracking manually, press **[P+]** or **[P-]** on the TV-Video Combi during playback. Tracking returns to Automatic Tracking Adjustment when you press **[STOP■-▼]** or insert a tape.

6. Manual recording

General information

Use **'Manual Recording'** to make a spontaneous recording (for example, a programme currently being shown).

If you want to start and stop a recording manually, read the section **'Recording without automatic switch-off'**.

If you want to start a recording manually but have it stopped automatically, read the section **'Recording with automatic switch-off'**. (e.g. not to record to the end of the tape)

Read the section **'Automatic recording from a satellite receiver'**, if you want a recording to be controlled automatically by a satellite receiver.

Recording without automatic switch-off

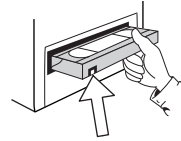
1. Insert a cassette.
2. Use **[PROG P+]** **[PROG P-]** or **[0..9]** to select the programme number you want to record, for example, 'P01'.
3. To start recording, press **[REC ●]**.
4. To stop recording, press **[STOP ■-▽]**.

Recording with automatic switch-off (OTR One-Touch-Recording)

1. Insert a cassette.
2. Use **[PROG P+]** **[PROG P-]** or **[0..9]** to select the programme number you want to record.
3. Press **[REC ●]**.
4. Each time you press **[REC ●]** you will add 30 minutes to the recording time.
5. To stop recording, press **[STOP ■-▽]**.

Preventing accidental erasing

All cassettes (except rental and pre-recorded cassettes) have a security tab on the back of the cassette.



To prevent recording over important recordings (erasing), you can remove this security tab.

If you later decide to record on a protected cassette, simply cover the hole with adhesive tape or slide the tab to the right.

Lining up recordings (assemble cut)

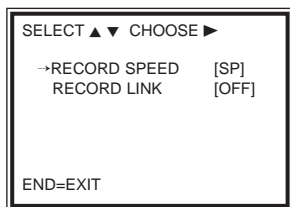
When you add a further recording to a cassette, which already has a recording on it, a short blank (flicker) can appear between the old and the new recording or the picture itself can flicker. To help reduce these from occurring, proceed as follows:

1. Find the tape position of the old recording where you want to insert the new recording.
2. Look at the last minute of the old recording (playback).
3. Press **[STILL ▶◀]** at the tape position where the new recording is to go and press **[REC ●]**.
4. Now start recording as usual by pressing **[REC ●]** on the remote control.
5. Stop recording with **[STOP ■-▽]**.

Selecting the recording speed (SP or LP)

LP allows to double the recording duration on tape (for example six hours instead of three hours on a E180 cassette).

1. Press **MENU**. The main menu will appear.
2. Select 'RECORD SETUP' with **PLAY ▶-▲**, **STOP ■-▼** and confirm with **FWD ▶>>-▶**.
3. Select 'RECORD SPEED' with **PLAY ▶-▲**, **STOP ■-▼**.



4. Select the required recording speed with **FWD ▶>>-▶**.
5. To end, press **STATUS/EXIT**.

'SP'/'LP' /'AUTO'

'SP': StandardPlay (normal recording speed) offers the usual first-class picture quality.

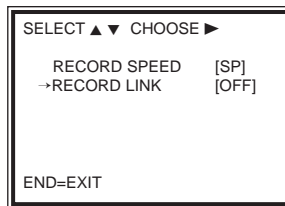
'LP': LongPlay (half recording speed, double recording time). 6 hours can be recorded on a 3-hour cassette (E180) with a somewhat reduced picture quality.

'AUTO': AUTOMATIC Long Play. If there is not enough space on the tape to record a programmed recording in standard speed, the recording is automatically done in 'LP' (Longplay). Otherwise, the recording speed will be 'SP' (Standardplay).

Automatic controlled recording from a satellite receiver (RECORD LINK)

This function automatically starts recording on the switched-off TV-Video Combi when a video signal is recognised through the connected scart cable. If your satellite receiver has a programming function, the recording will start automatically (as long as the satellite receiver is switched on).

1. Press **MENU**. The main menu will appear.
2. Select 'RECORD SET UP' with **PLAY ▶-▲**, **STOP ■-▼** and confirm with **FWD ▶>>-▶**.
3. Select 'RECORD LINK' with **PLAY ▶-▲**, **STOP ■-▼**.



4. Select function 'ON' with **FWD ▶>>-▶**.
5. To end, press **STATUS/EXIT**.
6. Programme the satellite receiver with the required information (programme number of the TV channel, start time, end time). If necessary, please see the operating instructions for your satellite receiver.
7. Insert a cassette.

The TV-Video Combi is now ready to record. The beginning and end of the recording is controlled via EXT1 socket.

7. Programming a recording (TIMER)

General information

Use a TIMER programming to automatically start and stop a recording at a later time or date. The TV-Video Combi will switch to the right programme number and begin recording at the correct time. With this TV-Video Combi, you can pre-programme up to eight recordings within a period of one year. To make a programmed recording, your TV-Video Combi needs to know:

- *the date you want to make the recording
- *the programme number of the TV channel
- *the start and stop time of the recording
- *VPS or PDC on or off

This information is saved in a TIMER block.

What is 'VPS/PDC'?

'VPS' (Video Programming System)/ 'PDC' (Programme Delivery Control) are used to control the start and duration of TV channel recordings. If a TV programme starts earlier or ends later than scheduled, the TV-Video Combi will turn on and off at the correct time.

What do I need to know about 'VPS/PDC'?

Usually the VPS or PDC time is the same as the start time. But if your TV guide shows a VPS or PDC time which is different from the programme's scheduled start time, e.g. 20.10 (VPS/PDC 20.14), you must enter the VPS/PDC time exact to the minute. If you want a start time different from the VPS/PDC time, you must switch VPS/PDC off.

Programming a recording with the 'SHOWVIEW®' system

SHOWVIEW®

Thanks to this simplified programming system, you no longer need to tediously enter the date, programme number, start and end time. All the information needed for programming is contained in the SHOWVIEW-programming number. You can find this SHOWVIEW number in most TV listing magazines written next to the concerned programme.

1. Press **[SVV+]** on the remote control.
2. Enter the entire SHOWVIEW number. This number is up to 9 digits long and can be found next to the start time of the TV programme in your TV listing magazine. [e.g.:1-234-5 or 1 234 5] If you make a mistake, you can clear your input with **[CLEAR]**.

```

ShowView system
ShowView No.
  1 2 3 - - - - -
SET=SVV+
CORRECT=CLEAR
END=EXIT
  
```

3. Press **[SVV+]**.
4. Select ONCE, DAILY, or WEEKLY recording with **[PLAY ▶▶]** **[STOP ■▼]**. Then press **[FWD ▶▶▶▶]**.

```

ShowView system

→ONCE
DAILY
WEEKLY

SELECT ▲▼ CHOOSE ▶
END=EXIT
  
```

Selecting once/daily/weekly recordings

Using **[PLAY ▶▶]** **[STOP ■▼]**, select from the following options:

- 'ONCE': Recording once
- 'DAILY': Repeated daily recordings (Monday to Friday)
- 'WEEKLY.': Repeated weekly recordings (every week on the same day)

Prog No changes to ' - - '

* The entered SHOWVIEW number is incorrect.

Correct your input or end with **[STATUS/EXIT]**.

The following message appears on the screen:'ERROR'

* The entered SHOWVIEW number is incorrect. Correct your inputs or end with **[STATUS/EXIT]**.

* Check the time/date (see chapter 'Installing your TV-Video Combi', section 'Setting the clock').

* A daily recording was entered for the wrong day. Daily programming can only be used for recordings to be made from Monday to Friday.

The following message appears on the screen:'TIMER NOT COMPLETED'

* The channel is wrong.

5. The decoded data appears after confirmation. You can go back to change the data. Select the corresponding input field using **[FWD ▶▶▶▶]** or **[CLEAR]**. Change the data with **[0..9]**.
6. When all inputs are correct, press **[STATUS/EXIT]**. The programming information is stored in a TIMER block.

Switching on 'VPS/PDC' in the 'START' input field
 Select 'VPS/PDC' using [FWD ►►►] [CLEAR]. Press '1' to switch off 'VPS/PDC' or press '2' to switch on 'VPS/PDC'.

7. Insert a cassette with an intact security tab (unprotected).

Helpful Hints

The TV-Video Combi will not operate

* If you want to cancel the programmed recording, press [STANDBY/ON ⏻] longer than 3 seconds.

Cassette is ejected during recording

* The end of the tape was reached during recording.

Error message:

* If you forgot to insert a cassette, 'INSERT CASSETTE FOR TIMER RECORDING' will appear.

Error message: 'FULL'

* If this error message appears after pressing [SW/V+], then all TIMER blocks are already programmed. No more recordings can be programmed. If you want to clear a programmed recording (TIMER block), select the programme number on TIMER LIST menu and press [CLEAR].

Cassette was ejected as soon as inserted.

* If a cassette with the security tab removed was inserted, 'PROTECTED CASSETTE TIMER CANNOT RECORD' will appear. Undo the erase protection (chapter 'Manual Recording', section 'Preventing accidental erasing') or insert another cassette.

Selecting once/daily/weekly recordings

Use [PLAY ►-▲] [STOP ■-▼] to select from the following options:

- 'ONCE': Recording once
- 'DAILY': Repeated daily recordings from Monday to Friday
- 'WEEKLY': Repeated weekly recordings (every week on the same day)

5. Enter the Start time (START) End time (STOP), Programme number (PROG.), VPS/PDC information and the Date with [0.9].

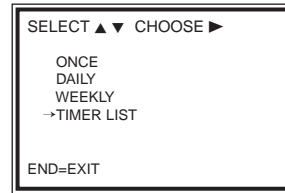
Programming a recording from the external sources

You can also programme recording from an external source via the Scart socket AV1 or the front A/V connectors AV2.

6. When all inputs are correct, press [STATUS/EXIT]. The programming information is stored in a TIMER block.
7. Insert a cassette with an intact security tab (unprotected).

How to check, change or delete a programmed recording (TIMER)

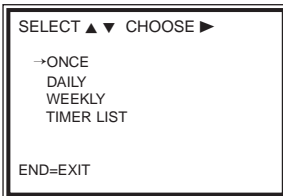
1. Press [MENU]. The main menu will appear.
2. Select 'TIMER' with [PLAY ►-▲] [STOP ■-▼]. Then press [FWD ►►►].
3. Select 'TIMER LIST' with [PLAY ►-▲] [STOP ■-▼], and confirm with [FWD ►►►].



4. Select timer block with [FWD ►►►].
5. To cancel the recording, press [CLEAR].
6. To end, press [STATUS/EXIT].

Programming a recording (without the ShowVIEW system)

1. Press [MENU]. The main menu will appear.
2. Select 'TIMER' with [PLAY ►-▲] [STOP ■-▼]. Then press [FWD ►►►].
3. Select ONCE, DAILY, or WEEKLY recording with [PLAY ►-▲] [STOP ■-▼]. Then press [FWD ►►►].



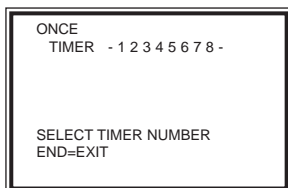
If all TIMER blocks are in use, 'FULL' will appear on the TV screen.

4. Select the desired TIMER block with [0.9].

How to change a programmed recording (TIMER)

1. Press [MENU]. The main menu will appear.
2. Select 'TIMER' with [PLAY ►-▲] [STOP ■-▼]. Then press [FWD ►►►].
3. Select ONCE, DAILY, or WEEKLY recording with [PLAY ►-▲] [STOP ■-▼]. Then press [FWD ►►►].

4. Select a TIMER block with [0.9]. (The flashing number indicates an empty TIMER block.)



5. Press [CLEAR] to delete information, and input correct information with [0.9].
6. To end, press [STATUS/EXIT].

8. Other functions

Changing the video (colour) system

If you playback recordings made on other video recorders or if you want to record from external sources (via the scart socket), the automatic video-colour detection system may lead to colour distortion.

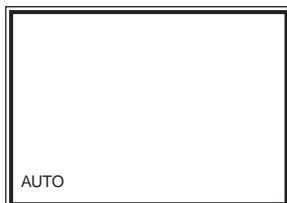
You can switch off this automatic detection-system as follows.

Video (colour) systems

In central Europe transmissions are broadcast in PAL (Phase Alternation Line) standard. France uses SECAM (Séquentiel à mémoire). In some countries (like USA and Japan), TV viewers receive their programmes as an NTSC signal (National Television System Committee).

1. Press [SYSTEM] on the remote control to select the TV-colour system presenting the least distortion during playback.

At each [SYSTEM] pressing, the display will change cyclically; AUTO, ME-SECAM, PAL.

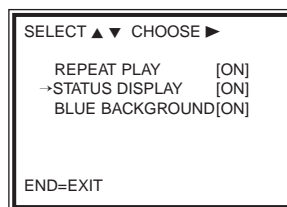


2. After 5 seconds, the display indication will disappear.

Switching the status display off or on

Along with the on screen menu, the status display also displays information on the current operating status (counter, playback, recording, TV channel, etc.) on the TV screen.

1. Press [MENU]. The main menu will appear.
2. Select 'VCR SET UP' using [PLAY ▶▶▶].
- [STOP ■▼] and confirm with [FWD ▶▶▶▶].
3. Select 'STATUS DISPLAY' with [PLAY ▶▶▶].
- [STOP ■▼].



4. Select 'ON' or 'OFF' with [FWD ▶▶▶▶].

Which settings can I choose?

'ON': Shows the status display for a few seconds only.

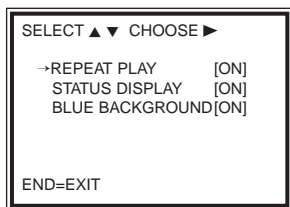
'OFF': Switches off the status display.

5. To end, press [STATUS/EXIT].

Continuous playback

This function can be used to play a cassette over and over again. When the end of the cassette is reached, it will rewind and start from the beginning again. This function is activated or deactivated as follows.

1. Press **MENU**. The main menu will appear.
2. Select 'VCR SET UP' using **PLAY ▶-▲**, **STOP ■-▼** and confirm with **FWD ▶▶-▶**.
3. Select 'REPEAT PLAY' with **PLAY ▶-▲**, **STOP ■-▼**.

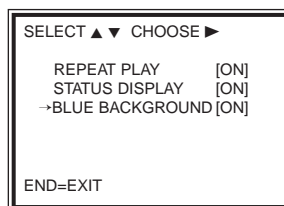


4. Select 'ON' with **FWD ▶▶-▶**. If you select 'OFF', continuous playback will be switched off.
5. To end, press **STATUS/EXIT**.
6. Insert a cassette.
7. Start the continuous playback with **PLAY ▶-▲**. Your TV-Video Combi will automatically rewind and start playing the tape from the beginning when it recognizes a non-recorded part longer 10 seconds.

Blue Background on or off

If you want the TV screen to be solid blue when a weak signal is received, set BLUE BACKGROUND to 'ON'. The screen will be blue and the sound will be muted. Or, if you want to receive the weak signal, set BLUE BACKGROUND to 'OFF'.

1. Press **MENU**. The main menu will appear.
2. Select 'VCR SET UP' using **PLAY ▶-▲**, **STOP ■-▼** and confirm with **FWD ▶▶-▶**.
3. Select 'BLUE BACKGROUND' with **PLAY ▶-▲**, **STOP ■-▼**.



4. Select 'OFF' (no blue background) or 'ON' (blue background on) with **FWD ▶▶-▶**.
5. To end, press **STATUS/EXIT**.

Parental control (Child lock)

This function protects your TV-Video Combi from unwanted use. All button functions on the front of the machine are blocked.

Programmed recordings will still be recorded (in spite of the parental control) and cannot be interrupted.

1. Press **MENU**. The main menu will appear.
2. Use **PLAY ▶-▲**, **STOP ■-▼** to select 'GENERAL SET UP'. Then press **FWD ▶▶-▶**.
3. Use **PLAY ▶-▲**, **STOP ■-▼** to select 'CHILD LOCK'.
4. Use **FWD ▶▶-▶** to select 'ON'.

If a button at the front of the machine is pressed while parental control is active, 'CHILD LOCK ACTIVE' will appear on the screen for a few seconds.

9. Before you call an engineer

If, contrary to expectation, you have any problems using this TV-Video Combi, it may be caused one of the following reasons.

Your TV-Video Combi does not respond to any button being pressed:

- *There is no power supply: check the power supply.
- *Parental control is on: switch the parental control off.
- *There is a technical problem: disconnect from the mains power supply for 5 minutes, then power-up again.

If this doesn't help, you can reset your TV-Video Combi to the default factory settings.

Resetting devices to default factory settings

***Warning:** All the information stored (TV channels, time and date, TIMER) will be cleared.

1. Switch the TV-Video Combi to stand-by.
2. Press and hold **REC** and **PROG P.** at the same time for 2 seconds or more.

A cassette is jammed in the TV-Video Combi

*Don't use force. Disconnect the set from the mains and reconnect it again after a few seconds.

Remote control does not work

- *Remote control is not pointed at the TV-Video Combi.
- *Take out the batteries, wait for 10 seconds and place them back in the remote control.
- *Batteries have run out. Change the batteries.

No picture when you play a cassette

*There is no recording on the cassette.

Poor picture quality when you play a cassette

- *The cassette is badly worn-out or of poor quality. Use a new cassette.
- *Tracking is not properly adjusted. Turn to section 'Manual Tracking'.
- *Magnetism from nearby appliances and geomagnetism might affect the colour of the TV picture. Move the TV-Video combi away from such sources. The TV-Video combi will readjust itself automatically. If you want to initiate an immediate readjustment, unplug the TV-Video combi from the mains and plug it in again approximately 30 minutes later.

No recording possible

- *The TV channel you want to record is not stored or you have selected the wrong programme number: check TV channels stored.
- *A cassette was inserted that does not have the security tab (cannot be used to record): Insert a cassette with an intact security tab or change cassette. For more information, please see the section 'Preventing accidental erasing' in chapter 'Manual Recording'.
- *'VPS/PDC' switched on but 'VPS/PDC time' wrong: enter 'VPS/PDC time' exactly to the minute. Check your aerial connection.

The wrong TV channel has been recorded after you programmed a recording using the SHOWVIEW system

1. Enter the SHOWVIEW programming number you wanted to record.
2. Confirm with **FWD** **▶▶▶▶▶**.
3. Check the programme number/channel name in the 'PROG.' input field.
4. If this does not correspond to the desired TV channel, select the input field and change the programme number/channel name.
5. Confirm with **FWD** **▶▶▶▶▶**.

Smart Clock does not work

- *You have stored on programme number 'P01' a TV channel that does not transmit TELETEXT. Store on 'P01' a TV channel that transmits TELETEXT.
- *Poor TELETEXT reception. Store a TV channel on 'P01' with good TELETEXT reception.
- *You have not activated the Smart Clock function. Switch the function 'ON'.

You can also call the **customer service centre** in your country. The telephone numbers can be found on the back of this instruction manual. Have the model number (MODEL NO) and the production number (PROD.NO.) of your TV-Video Combi ready.

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NORWAY
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FINLAND
puh. 09 615 80 250

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PHILIPS MAGYARORSZÁG KFT.
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Consumer Information Centre
Rua Dr. António Loureiro Borge, nr. 5
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PORTUGAL
Phone: 021-4163063

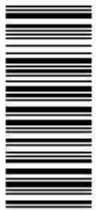
PHILIPS CE, The Philips Centre,
420 - 430 London Road,
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PHILIPS CUSTOMER CARE CENTER
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80 Rue des Deux Gares
1070 BRUSSEL/BRUXELLES
BELGIUM (for BENELUX)
Tel: 070-222303



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