

Colour Television

14"/20"/21"

Instructions for use

14PT1582



20PT1582



21PT1582



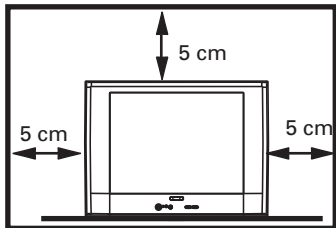
Let's make things better.



PHILIPS

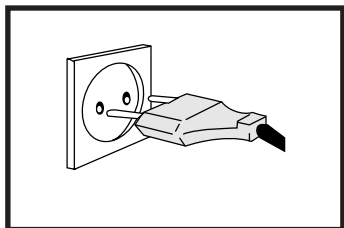


3139 125 27303



Positioning of the TV set

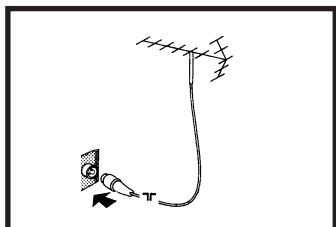
- Place TV set on a solid base (e.g. a TV/Video cabinet)
- Leave at least 5 cm around each side of TV set for ventilation to avoid over-heating.
- Do not place TV set near a radiator or other sources of heat.
- Do not place TV set where it can be exposed to rain or excessive moisture.



Mains Connection

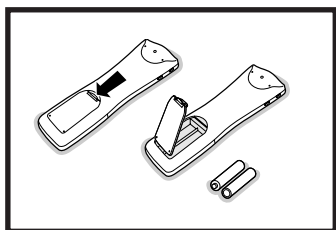
- For correct mains voltage, refer to type sticker at the rear of the TV set
- Consult your dealer if mains supply is different.

Note : This diagram is not representative of the actual plug and socket.



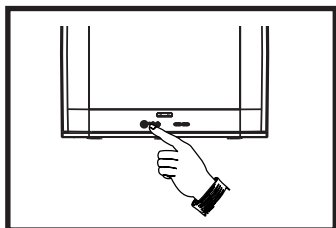
Antenna Connections

- Connect the aerial plug to the antenna socket **T** on the backcover.
- Insert the mains plug into a wall socket.



Use of Remote Control

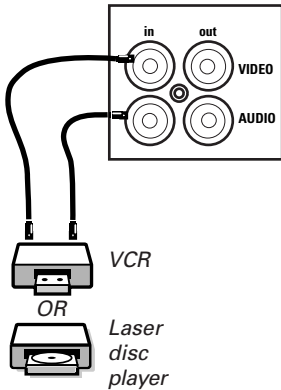
- Insert correct type of batteries into the compartment.
- Ensure the batteries are placed in the right direction.



Switching on the set

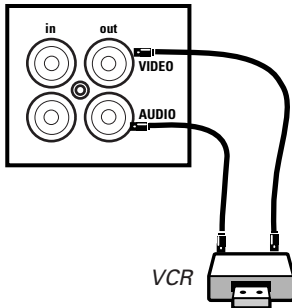
- Press the mains power button to switch on/off the TV.
- If the set is on standby mode (indicator is red), press **STANDBY** button on the remote control to switch on set.

Equipment such as VCR, Laser disc player, VCD, etc. can be connected to the video and audio (AV) sockets at the rear of the TV. Switch off mains power of the TV and equipment before making any connections.



Connection for Playback

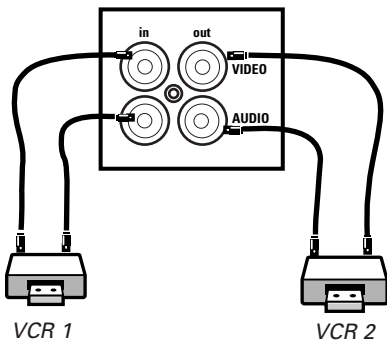
- Connect the Video Output socket of the VCR/laser disc player to the AV “in” socket at the rear of the TV to playback programmes.



Connection for recording

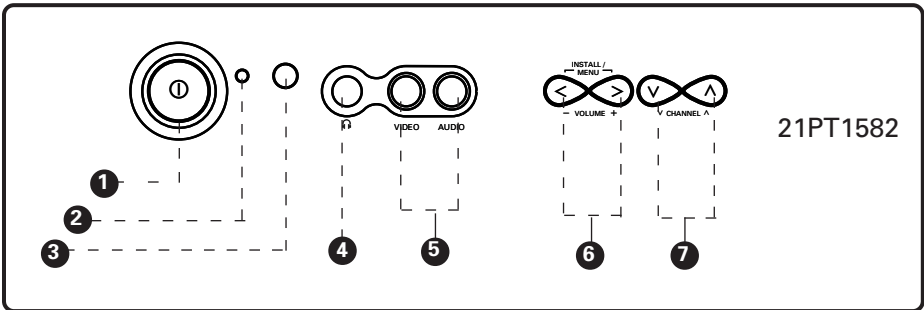
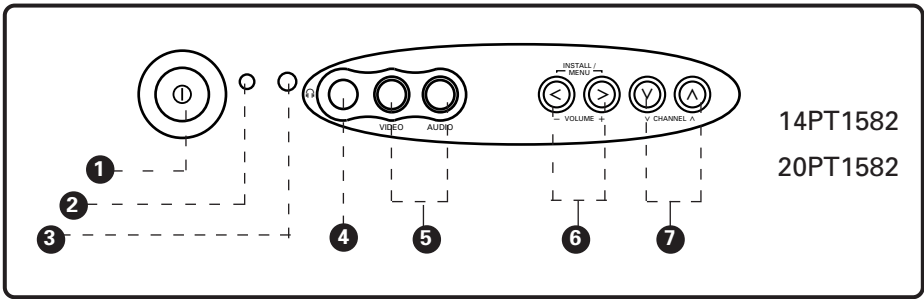
1. From the TV channel you are watching

- Connect input sockets of the VCR to the Monitor “out” sockets at the rear of the TV to do recording.



2. From one VCR to another VCR

- Connect the sockets of the VCR which you wish to record from to the Input sockets at the rear of the TV.
- Connect the sockets of the receiving VCR to the Monitor “out” sockets at the rear of the TV.



- | | |
|---|--|
| <p>1. Mains Power button</p> <p>2. Standby light indicator</p> <p>3. Remote Sensor</p> <p>4. Headphone socket</p> <p>5. AV "in" sockets</p> <p>6. Volume < / > button</p> <p>7. Channel ∇ / ▲ button</p> | <p>Switch mains power on or off.</p> <p>Indicate red light when standby mode is activated.</p> <p>Aim remote control handset at remote sensor when operating the TV.</p> <p>Connect headphone jack to socket for personal listening.</p> <p>Connect to Video "out" and Audio "out" sockets of VCR laser disc player, etc.</p> <p>Adjust sound volume louder/softer.</p> <p>Select channel in ascending/descending order.
 Note : You can enter the main menu by pressing both the Volume < / > buttons at the same time.
 Press Channel ∇ / ▲ button to select items on the menu.
 Press Volume < / > button to activate sub-menu.</p> |
|---|--|

1. STANDBY

Switch off set temporarily to standby mode. (The red light indicator lights up when set is on standby mode). To switch on set, press STANDBY or any DIGIT button.

2. AV

Selects AV channels.

3. OSD (On-Screen Display)

- Displays channel number and sound transmission mode.
- Allows you to exit menu from screen.

4. DIGIT (0 - 9)

Allows you select a channel. For a 2-digit channel number, the second digit must be entered before the " - " sign disappears.

5. SMART SOUND

Allows you to access 4 different types of sound settings and select your preferred setting.

6. MENU

To display or exit menu from screen.

7. CURSOR UP

Allows you to select the next item on the menu.

8. CURSOR LEFT

Allows you to access the sub-menus and adjust the settings.

9. VOLUME + / -

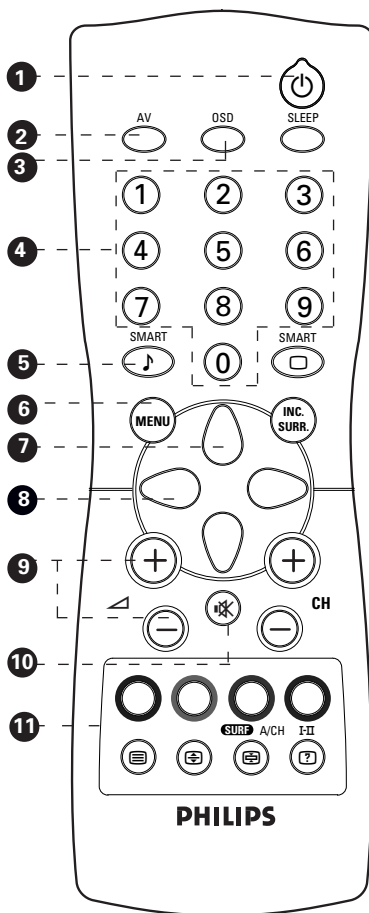
Increases / decreases volume.

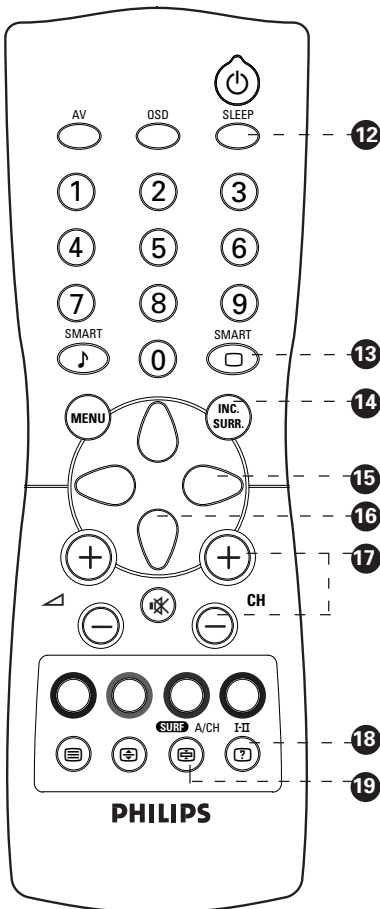
10. MUTE

Mutes sound. To restore sound, press button again.

11. TELETEXT

Not applicable.





12. SLEEPTIMER

Allows you to select a time period after which the set will switch to standby mode automatically. You can set the timer from OFF mode up to a maximum of 240 minutes.

13. SMART PICTURE

Allows you to access 4 different types of picture settings and select your preferred setting.

14. INCREDIBLE SURROUND

Not applicable.

15. CURSOR RIGHT

Allows you to access the sub-menus and adjust the settings.

16. CURSOR DOWN

Allows you to select the next item on the menu.

17. CHANNEL + / -

Allows you to select channel in ascending or descending order.

18. I-II

Not applicable for I-II feature.

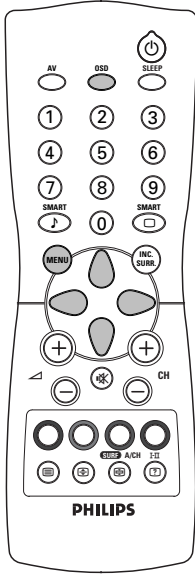
19. SURF / ALTERNATE CHANNEL

- When surf mode is activated through the main menu, it allows you to select up to a maximum of 8 channels and view quickly the selected channels .
- It also allows you to alternate between the last viewed channel and the present channel if alternate channel mode is activated.

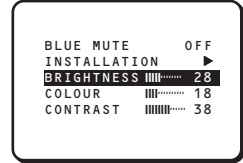
Selecting the language and Automatic Tuning

Press button

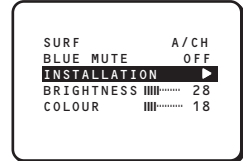
Result on TV Screen



1. Enter main menu.



2. Select **INSTALLATION**.



3. Enter installation menu. **LANGUAGE** option is highlighted.



4. Select your desired language.



5. Select **AUTO STORE**.



6. Start automatic tuning.



7. After tuning is completed, the installation menu will appear.



8. Exit menu from screen.

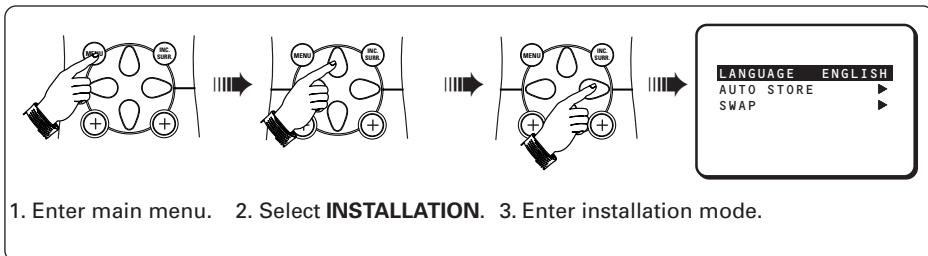
SELECTION OF TV SYSTEM



(Applicable to certain models only)

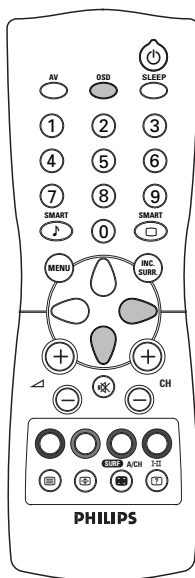
This feature allows you to select your desired TV system. If **AUTO** is selected, the respective colour system will be automatically selected according to the transmission system.

Note : Select another system if reception is poor at **AUTO** mode.

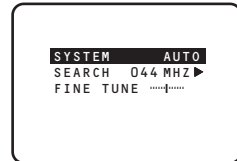
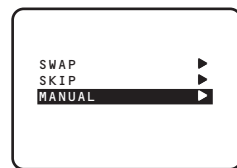


Press button

Result on TV Screen



4. Press button repeatedly until **MANUAL** is selected.
5. Enter system menu.
6. Press button repeatedly to cycle through the respective transmission system and select the desired system.
7. Select **STORE**.
8. Store system.
9. Exit menu from screen.



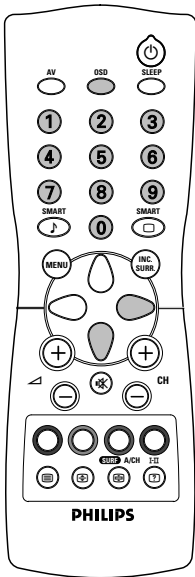
MANUAL TUNING OF TV CHANNELS

Manual tuning of channels allows you to select your preferred channel number for every available programme.

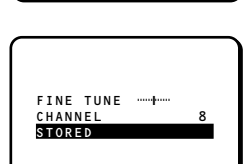
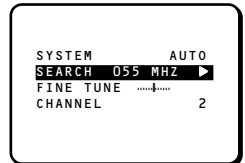
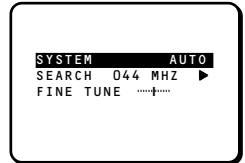
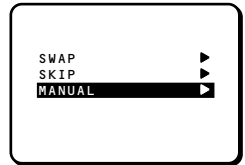
1. Enter main menu. 2. Select **INSTALLATION**. 3. Enter installation mode.

Press button

Result on TV Screen



4. Press button repeatedly until **MANUAL** is selected.
5. Enter manual tuning menu.
6. Select **SEARCH**.
7. Start searching for a transmitting channel. Searching stops once a transmitting channel is found.
8. Press button repeatedly until **CHANNEL** is selected.
9. Key in the desired channel number.
10. Select **STORE**.
11. Store tuned channel. To continue searching for the next transmitting channel, repeat steps 7 to 12 again.
12. Exit menu from screen.



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- ⑧
- ⑨

OSD

SWAPPING OF CHANNELS

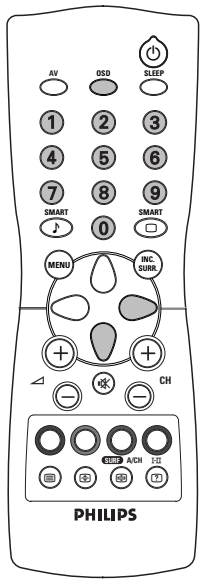
10

This feature allows you to change the channel number to your choice for a particular TV station.

1. Enter main menu. 2. Select **INSTALLATION**. 3. Enter installation mode.

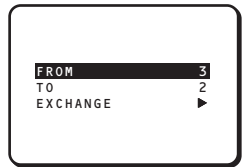
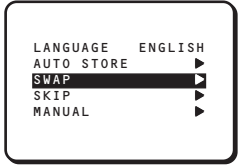
Press button

Result on TV Screen



- ①
- ②
- ③
- ④
- ⑤
- ⑥
- ⑦
- ⑧
- ⑨
- ⑩

4. Select **SWAP**.
5. Enter swap menu.
6. Key in the desired channel number you want to exchange from in the **FROM** column.
7. Select **TO**.
8. Key in the programme number you want to exchange to in the **TO** column.
9. Select **EXCHANGE**.
10. Activate exchange of channels.
11. Exit menu from screen.



SKIPPING OF CHANNELS

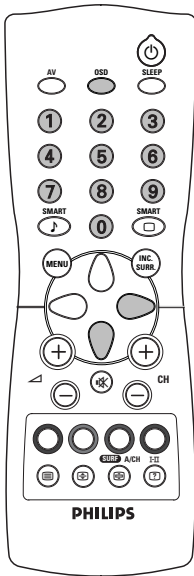
1 1

This feature allows you to skip channels which have bad or weak TV signal or channels that you do not watch often. **Note** : Once a channel is skipped, you cannot have access to it by the **CH (Channel) +** or **-** button. you can only have access to the channel by the **DIGIT (0 - 9)** buttons.

1. Enter main menu 2. Select **INSTALLATION**. 3. Enter installation mode.

Press button

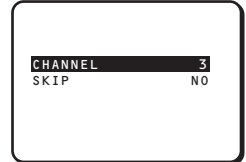
Result on TV Screen



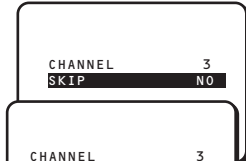
4. Press button repeatedly until **SKIP** is selected.



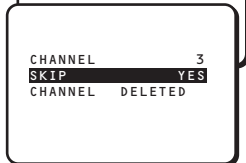
5. Enter skip menu.



6. Key in the channel to be skipped.



7. Select **SKIP**.



8. Select **YES** to skip channel.

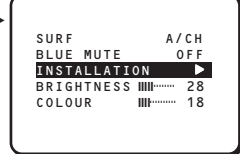
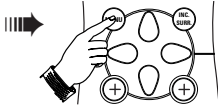
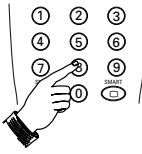


9. Exit menu from screen.

How to restore skipped channels

1. Repeat **steps 1 to 5** as in "Skipping of Channels".
2. Key in the channel to be restored by the **DIGIT (0 - 9)** button.
3. Select **SKIP** by the button.
4. Select **NO** to restore channel.
5. Exit menu from screen by the (**OSD**) button.

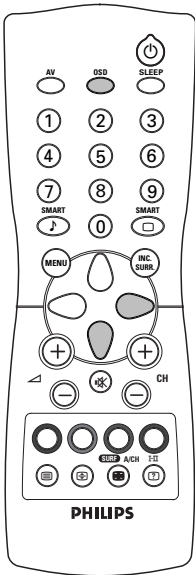
This feature allows you to adjust the picture reception in area of weak reception.



1. Select the channel you want to fine-tune.
2. Enter main menu.
3. Select **INSTALLATION**.

Press button

Result on TV Screen



4. Enter installation mode.



5. Press button repeatedly until **MANUAL** is selected.



6. Enter fine tune menu.



7. Press button repeatedly until **FINE TUNE** is selected.



8. Start fine-tuning until desired picture and sound is obtained.



9. Press button repeatedly until **STORE** is selected.









10. Store last fine-tuned status.

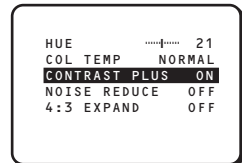
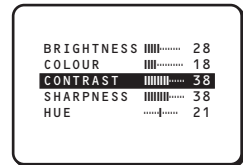


11. Exit menu from screen.

The picture and sound menu allow you to make adjustments to the picture and volume level.

1. Press  (**MENU**) button to enter main menu.
2. Use the  (**CURSOR UP**) or  (**DOWN**) button to select the items in the menu.
3. Do the adjustments or activation by the  (**CURSOR LEFT**) or  (**RIGHT**) button.
4. Press  (**OSD**) button to exit menu from screen.

Picture menu items	Selection
Brightness	Increase/decrease level
Colour	Increase/decrease intensity
Contrast	Increase/decrease level
Sharpness	Increase/decrease level
* Hue	Increase/decrease intensity
* Colour Temp	Choice of 3 settings
* Contrast Plus	On/Off
* Noise Reduce	On/Off
* 4:3 Expand	On/Off



*** Hue**

Applicable for NTSC programmes only.

*** Colour Temp**

Allows you a choice of 3 picture settings namely, **NORMAL**, **WARM** or **COOL**.

*** Contrast Plus**

This feature allows you to optimise the total contrast for improved picture clarity.

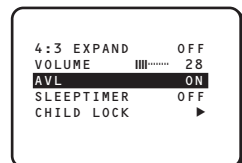
*** Noise Reduce**

Noise Reduce feature helps you to reduce the “noise” (little dots on the picture) from weak signal broadcast. Activating this feature makes a picture disturbed by “noise” clearer and sharper.

*** 4:3 Expand**

4:3 Expand feature allows you to adjust picture with black bar on the top and bottom to fill up more of the screen. It allows you to optimise the picture display on the screen.

Sound menu items	Selection
Volume	Increase/decrease level
* AVL	On/Off



*** AVL (Auto Volume Leveller)**

Variation in signal conditions can result in a sudden change in volume during commercial breaks or channel switching. Activating the Auto Volume Leveller feature enables the volume level to remain at a standard volume level.

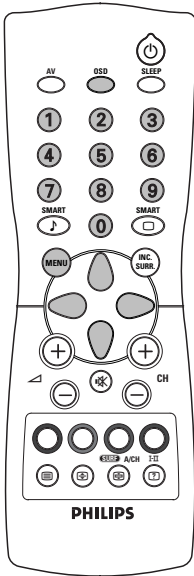
Lock feature allows you to lock channels which you want to prevent others or your children from watching programmes you deem undesirable.

You can choose to lock up all the channels or individual channel (up to a maximum of 5 channels).

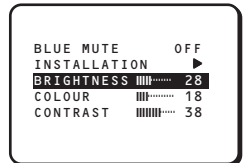
How to lock channels

Press button

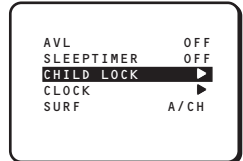
Result on TV Screen



1. Enter main menu.



2. Press button repeatedly until **CHILD LOCK** is selected.

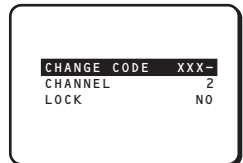


3. Enter child lock mode.




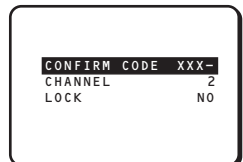
- ① ② ③
- ④ ⑤ ⑥
- ⑦ ⑧ ⑨
- ⑩

4. Key in access code twice to enter child lock menu.
Note : Universal access code is 0711.



- ① ② ③
- ④ ⑤ ⑥
- ⑦ ⑧ ⑨
- ⑩

5. **CHANGE CODE** is selected. Key in your preferred code (4-digit) if you want to change to a new code. If you do not want to change code, select **CHANNEL** by the  button and proceed to **step 7** to lock your desired channels.

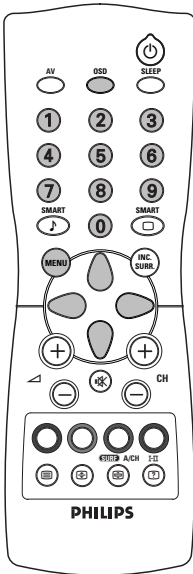


- ① ② ③
- ④ ⑤ ⑥
- ⑦ ⑧ ⑨
- ⑩

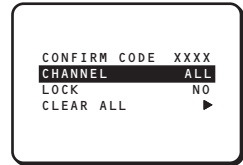
6. Key in the new code the second time to confirm change.

Press button

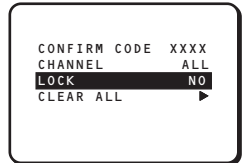
Result on TV Screen



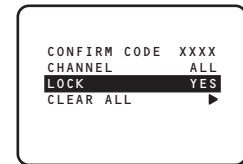
7. Select **ALL** if you choose to lock all the channels. You can also choose to lock individual channel (up to a maximum of 5).



8. Select **LOCK**.



9. Select **YES** to activate lock mode.










10. Exit menu from screen.

How to unlock channels

If you access any locked channel , a message “**ACCESS CODE**” will appear. To bypass the lock mode, key in your personal access code.

Note : If you forget your personal access code, key in the universal code **0711** twice.

1. Repeat step 1 to 4 as in “**How to lock channels**”.
2. Press  button repeatedly until **CLEAR ALL** is selected if you want to unlock all the channels. Press  button to activate unlock mode.
3. If you want only to unlock individual channel, select **CHANNEL** by the  button and key in the channel you want to unlock by the  (**DIGIT 0 -9**) button.
4. Select **LOCK** by the  button.
5. Press  button to select **NO** to activate unlock mode.
6. Exit menu from screen by the  (**OSD**) (**OSD**) button.

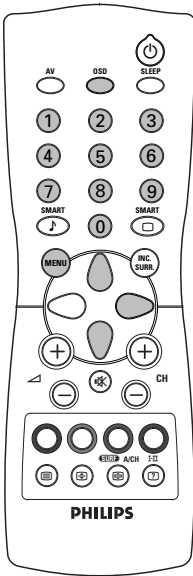
(Applicable to certain versions only)

The Clock feature allows you to set the clock to switch to another channel at a specified time while you are watching another channel or when the TV is on standby mode.

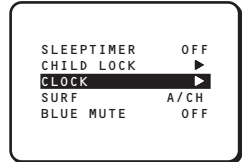
Note : For the clock to function, the set must not be switched off. Once the set is switched off, the clock is disabled.

Press button

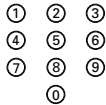
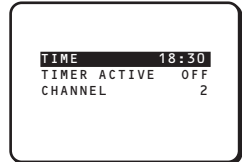
Result on TV Screen



1. Enter main menu.
2. Press button repeatedly until **CLOCK** is selected.



3. Enter clock menu.
4. Set clock. Key in the time you want the clock to start functioning. For example, if the time is 18 : 30, key digit 1 and 8 in the hour column followed by digit 3 and 0 in the minute column.



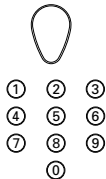
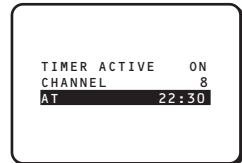
5. Select **TIMER ACTIVE**.
6. Select **ON** to activate clock.



7. Select **CHANNEL**.
8. Select the channel you want to switch to.



9. Select **AT**.
10. Key in the time you want the channel to be switched on.



11. Exit from menu.

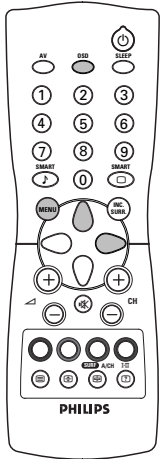


Sleeptimer feature

This feature allows you to select a time period after which the set will switch to standby mode automatically. You can set the timer from **OFF** mode up to a maximum of **240** minutes.

How to activate the Sleeptimer feature

Press button



1. Enter main menu.



2. Press button repeatedly until **SLEEPTIMER** is selected.

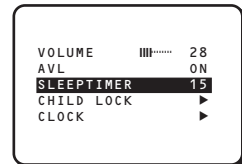
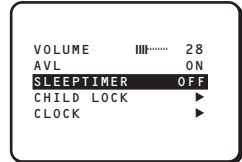


3. Press button repeatedly to cycle through the time periods and select the desired time period.



4. Exit menu from screen.

Result on TV Screen

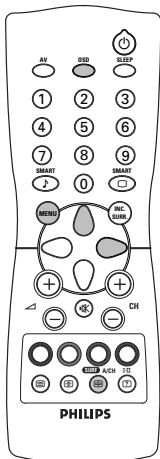


Blue Mute feature

The TV screen will turn blue when the Blue Mute feature is activated via the main menu. It indicates that there is no signal.

How to activate the Blue Mute feature

Press button



1. Enter main menu.



2. Press button repeatedly until **BLUE MUTE** is selected.

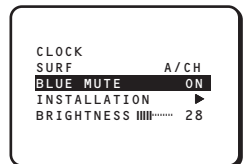
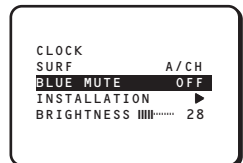


3. Select **ON** to activate Blue Mute feature.



4. Exit menu from screen.

Result on TV Screen

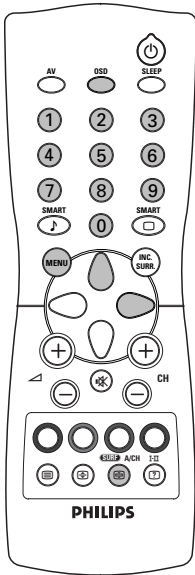





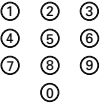
This feature allows you to create a surf list. You can select up to a maximum of 8 channels and view quickly the selected channels by the control handset.

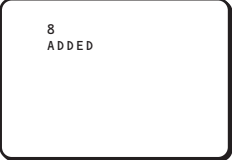
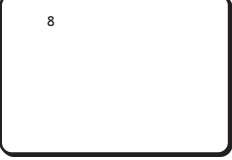
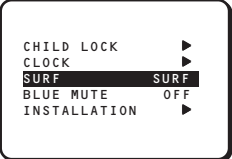
How to add a channel to the surf list

Press button


Result on TV Screen



1. Enter main menu.

2. Press button repeatedly until **SURF** is selected.

3. Select **SURF** option.
After selection of surf option, exit menu from screen by the  (**OSD**) button.
4. Key in the channel number you want to add to the surf list.

5. Add selected channel to the surf list. "**ADDED**" will appear indicating that the selected channel has been added. Repeat steps 4 and 5 to add more channels to the surf list.




How to delete a channel from the surf list

1. Select the channel you want to delete from the surf list by the **DIGIT (0 - 9)** button.
2. Press the  (**SURF / A/CH**) button to activate deletion of channel.
3. Repeat the above step 1 to 2 if you want to delete more channels from the surf list.



How to view channels from the Surf list

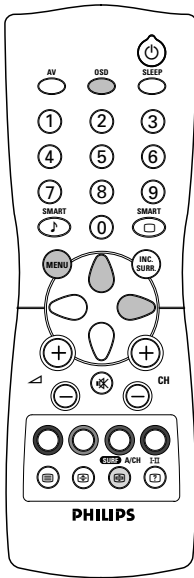
1. Press the  (**SURF / A/CH**) button repeatedly to cycle through the channels and select the channel you want to view.

When you are viewing a channel and decide to view the previous channel, use this feature to alternate between the two channels.

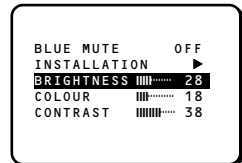
How to activate the Alternate Channel feature

Press button

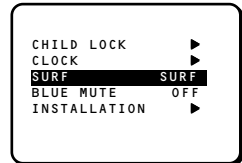
Result on TV Screen



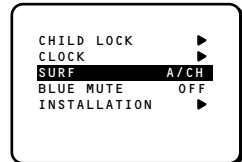
1. Enter main menu.



2. Press button repeatedly until **SURF** is selected.



3. Select **A/CH** (Alternate Channel) option.



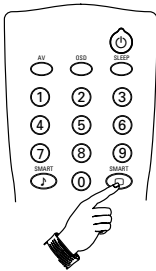
4. Exit menu from screen.




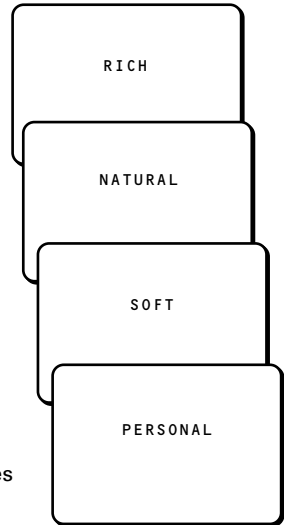
5. Alternate between the present channel and the previous channel.

Smart Picture

Smart Picture offers you a choice of 4 settings – **RICH**, **NATURAL**, **SOFT** and **PERSONAL**.



- Press  (**SMART PICTURE**) button repeatedly to cycle through the 4 settings to select your desired picture setting.

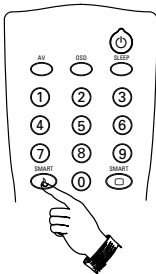



Definition of Picture Settings

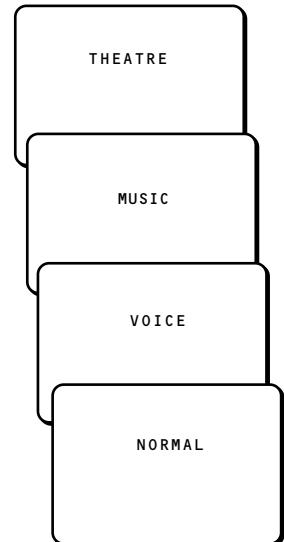
- RICH** : Emphasizes very vibrant colours.
(Suitable for AV mode in brightly-lit condition)
- NATURAL** : Emphasizes natural and original colours.
- SOFT** : Emphasizes warm colours.
(Suitable for dimly-lit room condition and gives cinema-like effect when light is switched off)
- PERSONAL** : Settings are set to your preference.

Smart Sound

Smart Sound offers you a choice of 4 settings – **THEATRE**, **MUSIC**, **VOICE** and **NORMAL**.



- Press  (**SMART SOUND**) button repeatedly to cycle through the 4 settings to select your desired sound setting.



Definition of Sound Settings

- THEATRE** : Emphasizes sensation to action and a wider sound ambience.
- MUSIC** : Emphasizes bass frequency making the music dynamic.
- VOICE** : Emphasizes treble frequency making speech clearer.
- NORMAL** : Normal tone (No boosting).

Safety

Disconnect mains plug when :


- the red light below the TV screen is flashing continuously.
- a bright white line is displayed across the screen.
- cleaning the TV screen. Never use abrasive cleaning agents. Use a slight damp chamois leather or soft cloth.
- there is a lightning storm.
- the set is left unattended for a prolonged period of time.

Useful Tips

- Do not place your TV set under direct sunlight or heat.
- Avoid placing your set (e.g. near the window) where it is likely to be exposed to rain or water.
- Do not leave your set on standby mode for a prolonged period of time. Switch off set to allow it to be demagnetise. A demagnetised set supports good picture quality.
- Do not shift or move the set around when it is switched on. Unevenness in colour in some parts of the screen may occur.
- Never attempt to repair a defective TV yourself. Always consult a skilled service personnel.

Before calling Service

Make these simple checks before calling for service. Some of these symptoms can easily be rectified if you know what to do.

Symptom	What you should do
Colour patch (unevenness)	<ul style="list-style-type: none"> • Switch off the TV by the mains power button. Wait for 20 minutes before switching on again. • Check the TV is not placed too near speakers or magnetic objects.
No power	<ul style="list-style-type: none"> • Check the TV's AC power cord is plugged into the mains socket. If there is still no power, disconnect plug. Wait for 60 seconds and re-insert plug. Switch on the TV again.
No picture	<ul style="list-style-type: none"> • Check the antenna connection at the rear of the TV. • Possible TV station problem. Try another channel.
Good picture but no sound	<ul style="list-style-type: none"> • Try increasing the volume. • Check that the sound is not muted. If it is muted, press the  (mute) button on the remote control to restore sound.
Good sound but poor colour or no picture	<ul style="list-style-type: none"> • Try increasing the contrast and brightness setting.
Snowish picture and noise	<ul style="list-style-type: none"> • Check antenna connection at the rear of the TV.
Horizontal dotted lines	<ul style="list-style-type: none"> • Possible electrical interference e.g. hairdryer, vacuum cleaner, etc. Switch off appliances.
Double images or "Ghost" images	<ul style="list-style-type: none"> • Possible poor positioning of antenna. Using a highly directional antenna may improve reception.
TV not responding to remote control handset	<ul style="list-style-type: none"> • Check life span of batteries of remote control handset. • Aim remote control handset directly at remote control sensor lens on the TV.
Message "ACCESS CODE" shown on TV. Cannot access to locked channel.	<ul style="list-style-type: none"> • Key in your personal access code to unlock channel. If you have forgotten your code, key in the universal code 0711 twice. For more details, refer to section on "How to unlock channels".

	14PT1582	20PT1582	21PT1582
Picture tube size	37 cm	51 cm	54 cm
Picture tube visible area	34 cm	48 cm	51 cm
Audio Output	1 x 3 W	2 x 2 W	2 x 2 W
Set dimensions			
Width	36 cm	50 cm	52 cm
Height	36 cm	46 cm	47 cm
Depth	37 cm	47 cm	48 cm
Nett weight of set	11 kg	18 kg	20 kg

TV System	Versions			
	57	59	73	75
PAL B/G		x		x
PAL D/K	x	x		
PAL I	x		x	
SECAM B/G		x		
SECAM D/K		x		
SECAM K1		x		
NTSC Playback	x	x	x	x
PAL 60 Playback	x	x	x	x

Note

For Operating Voltage, Frequency, Power Consumption and Version Number, refer to the type sticker at the rear of the set.

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