



GB

—• DUB-2850DT

Digital Television

MANUAL INSTRUCTION

ADDITIONAL INFORMATION FOR TV'S SOLD IN GREAT BRITAIN

The appliance is supplied with a moulded three pin mains plug fitted with 5Amp fuse. Should the fuse require replacement, it must be replaced with a fuse rated at 5 amp and approved by ASTA or BSI to BS1362.

The plug contains a removable fuse cover that must be refitted when the fuse is replaced. In the event of the fuse cover being lost or damaged, the plug must not be used until a replacement cover has been obtained. Replacement fuse covers can be purchased from your nearest electrical dealer and must be the same colour as the original.

If the moulded mains plug is unsuitable for the socket outlet in your home or is removed for any other reasons, then the fuse should be removed and the cut off plug disposed of safely to prevent the hazard of electric shock.

There is a danger of electric shock if the cut off plug is inserted into any socket outlet.

If a replacement plug is to be fitted, please observe the wiring code shown below. The wires in the mains lead are coloured in the accordance with the following code:

Brown-live



Blue-neutral

As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black. The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red.

Do not make any connections to the terminal in the plug which is marked by the letter E by the safety earth symbol or coloured green or green and yellow.

CAUTION

	CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN	
CAUTION : TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.		



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk electric shock.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and servicing instructions in the literature accompanying the appliance.

WARNING: To reduce the risk of fire or electric shock hazard, do not expose this appliance to rain or moisture.



DISPOSAL OF USED ELECTRICAL & ELECTRONIC EQUIPMENT

The meaning of the symbol on the product, its accessory or packaging indicates that this product shall not be treated as household waste. Please, dispose of this equipment at your applicable collection point for the recycling of electrical & electronic equipments waste. In the European Union and Other European countries which there are separate collection systems for used electrical and electronic product. By ensuring the correct disposal of this product, you will help prevent potentially hazardous to the environment and to human health, which could otherwise be caused by unsuitable waste handling of this product. The recycling of materials will help conserve natural resources. Please do not therefore dispose of your old electrical and electronic equipment with your household waste. For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

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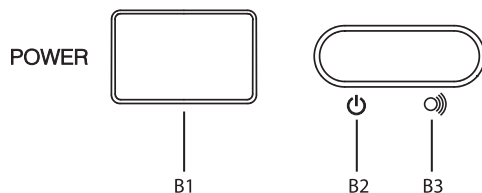
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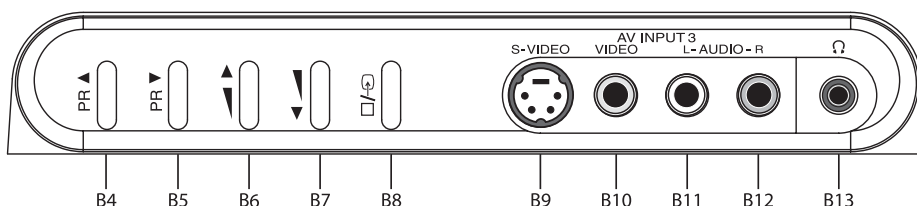
REMOTE CONTROL & TV CONNECTIONS

Local Control

Front



Side



- B1** MAIN POWER button
- B2** STAND-BY indicator
- B3** REMOTE sensor
- B4** PROGRAM UP button
- B5** PROGRAM DOWN button
- B6** VOLUME UP button
- B7** VOLUME DOWN button

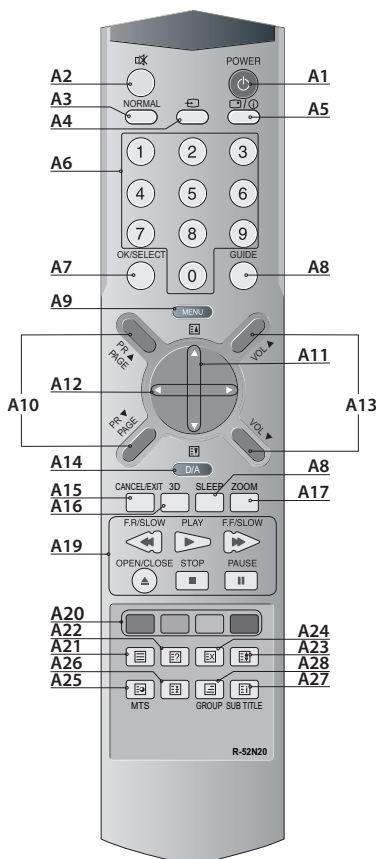
- B8** TV/AV button
- B9** PANEL S-VIDEO jack
- B10** VIDEO INPUT socket
- B11** AUDIO INPUT (L) socket
- B12** AUDIO INPUT (R) socket
- B13** HEADPHONE socket



Remote Control Unit

TV mode

- A1** POWER
- A2** SOUND MUTE
- A3** NORMAL
- A4** TV/AV
- A5** INFORMATION
- A6** NUMBER 0...9
- A7** OK/SELECT
- A8** GUIDE
- A9** MENU
- A10** PROGRAM UP/DOWN
- A11** NAVIGATION BUTTONS
- A12** NAVIGATION BUTTONS
- A13** VOLUME UP/DOWN
- A14** DIGITAL/ANALOGUE
- A15** CANCEL/EXIT
- A16** 3D
- A17** SLEEP
- A18** ZOOM
- A19** is not available for this TV.
Those are extra keys for
DAEWOO'S other products
like DVD player.
- A20** COLOUR BUTTONS
- A21** TV → TELETEXT
- A22** .
- A23** .
- A24** .
- A25** MTS
- A26** .
- A27** SUB TITLE
- A28** Is an option for other
models.



TELETEXT mode

- A9** MENU
- A11** PAGE UP/DOWN
- A12** PAGE CHANGE
(TAT MODE)
- A20** COLOUR BUTTONS
(RED, GREEN, YELLOW,
BLUE)
- A21** TELETEXT ↔ TV
- A22** REVEAL
- A23** HEIGHT
- A24** CANCEL
- A25** SUBPAGE
- A26** HOLD
- A27** INDEX



IMPORTANT SAFEGUARDS



WATER AND MOISTURE

The apparatus shall not be exposed to dripping or splashing water and no object filled with liquids, such as vases, should be placed on the apparatus.



HEAT

Never place the set near heat sources.
Never put a naked flame, such as a candle, on the top of TV set.



VENTILATION

Do not cover the ventilation openings in the cabinet and never place the set in a confined space such as in a bookcase or built-in cabinet unless proper ventilation is provided. Leave a minimum 10 cm gap all around the unit.



OBJECT ENTRY

Do not insert foreign objects, such as needles and coins, in the ventilation openings.



LIGHTNING STRIKE

You should disconnect the set from the mains and the aerial system during thunderstorms.



CLEANING

Unplug the set from the mains while cleaning.



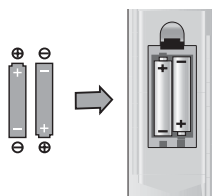
AFTER MOVING THE SET

If the set is moved or turned, the MAIN POWER button must be switched off for at least 15 minutes in order to take out colour patches on the screen.

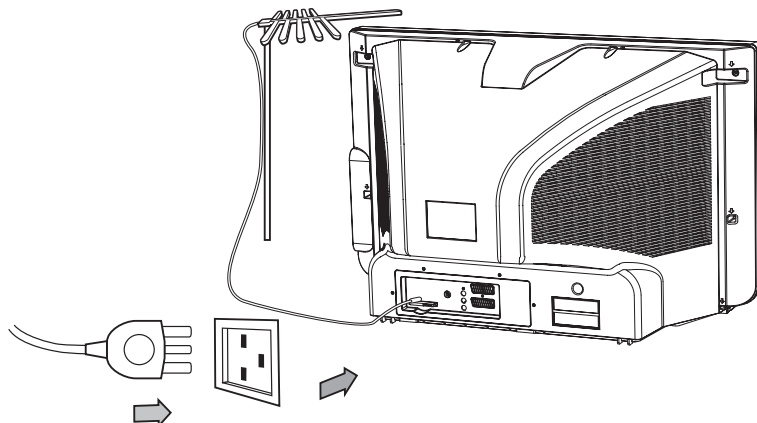


INSTALLATION

BATTERIES



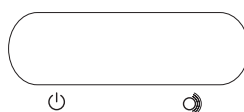
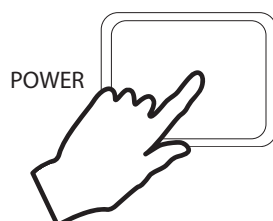
Open remote control battery compartment (at the rear) and insert two 1.5V type AAA batteries. Warning: be careful to respect battery polarities.



Insert the main plug into a 220~240V 50Hz AC power socket.

Connect aerial to aerial jack (C3).

SWITCHING ON AND OFF





CONNECTING EXTERNAL EQUIPMENT

The rear SCart1 (C1), SCart2 (C2) sockets, the front AV socket (B10) (B11 and B12), and the S-VHS socket (B9) are three dedicated sockets to connect audio-video equipment.

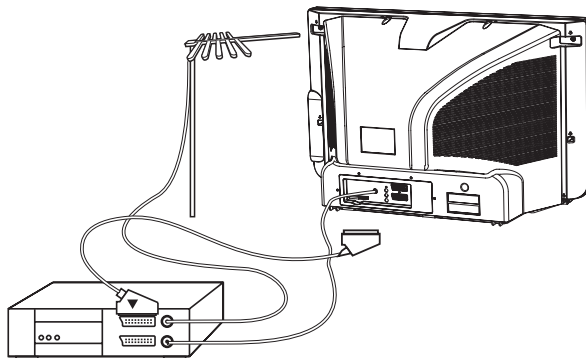
Rear

REAR SCART 1 SOCKET (AV1)

This socket (C1) has video / audio inputs and outputs. Output is RF analogue signal. It is recommended to connect to this socket automatic AV switching equipment such as pay-TV decoders, video games, DVD players and most VCR's. In most cases, when connecting powered equipment to this socket, the TV set switches automatically to AV mode. If not, then use the TV/AV buttons (A4) or (B8) to select AV1.

REAR SCART 2 SOCKET (AV2)

This socket (C2) has video / audio inputs and outputs. Output is RF digital signal. Automatic AV switching equipment (for example most VCR's) can be connected to this socket. In most cases, when connecting powered equipment to this socket, the TV set switches automatically to AV mode. If not, then use the TV/AV buttons (A4) or (B8) to select AV2. You can also receive an S-VHS signal with REAR SCART2 socket, by selecting SVHS2 with the TV / AV buttons (A4) or (B8).



VCR / DVD / Video Game / Pay-TV decoder Important:
If your video equipment does not have SCART socket(s), or if you wish to use only the aerial (RF) connection (not recommended), then you should make use of PR 00 on the TV set for best performance.

Side



SIDE AV SOCKET (AV3)

The side AV socket (B10) - (B11 and B12) has audio and video inputs. To switch from TV to these inputs, use the TV / AV buttons (A4) or (B8) and select AV3.

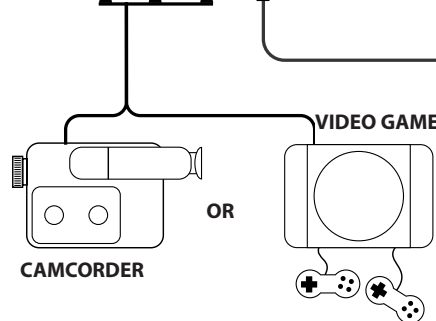
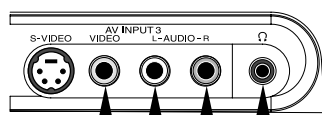
TV/AV SELECTION

Allows to switch between TV and external modes.

By repeatedly pressing the remote control TV / AV (A4) or the TV front panel TV / AV (B8) button, the on-screen display is changed as shown (SVHS3 is an option):

AV1 → AV2 → SVHS2 → AV3 → SVHS3 → TV

Remark: If the signal source from the rear SCART1 socket (AV1) is RGB (e.g. normally from a DVD player) then AV1 RGB will be displayed.



HEADPHONE SOCKET

To hear TV sound with headphones, insert a 3.5mm headphone plug into the headphone socket (B13). The speaker's sound will be automatically cut off.

SIDE S-VIDEO JACK

The side S-VIDEO jack (B9) has video inputs only. It is necessary to connect the audio inputs to socket (B11 and B12) in order to have audio and video. To switch from TV to these inputs, use the TV / AV buttons (A4) or (B8) and select SVHS3.

Remark: The side S-VIDEO jack (B9) and the VIDEO socket (B10) does not connect at the same time.



DAILY USE

SWITCHING ON TV SET

1) If stand-by indicator (B2) is red, then the TV set is in stand-by mode.

You can switch on using the remote control POWER button (A1), the NUMBER 0...9 buttons (A6), or PROGRAM UP (A10) / DOWN (A10) buttons.

The front panel PROGRAM UP/DOWN buttons (B4 or B5) can also be used.

Once on, the stand-by indicator turns to green and the picture appears on the screen.

2) If stand-by indicator (B2) is not lit, then the TV set is powered off.

You must press the TV set front panel MAIN POWER button (B1).

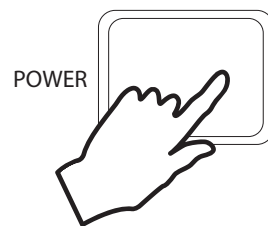
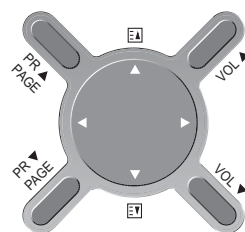
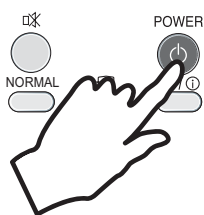
If a picture does not appear, then the stand-by indicator will be lighted red.

In this case, use the remote control as indicated in 1).

3) If stand-by indicator (B2) is flashing red, and green then the TV set is in child-lock mode. It is necessary to use the remote control POWER button (A1), NUMBER 0...9 buttons (A6), or PROGRAM UP (A10) / DOWN (A10) buttons.

The front panel PROGRAM UP/DOWN buttons (B4 or B5) will not function.

Once on, the stand-by indicator turns to green and the picture appears on the screen.



SWITCHING OFF TV SET

1) Pressing the remote control POWER button (A1), you can switch off to stand-by mode (low power consumption mode) which also allows quick restart by remote control (see above: SWITCHING ON TV SET).

2) Pressing the TV set front panel MAIN POWER button (B1), you can completely power off the TV set.

In this case, you must use the same front panel POWER button (B1) to switch on again (see above: SWITCHING ON TV SET).

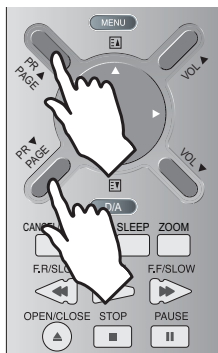
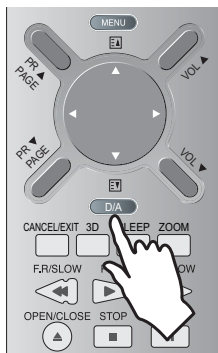
Remark: If a broadcast signal is not present after 30 minutes, the TV set will be automatically turned to stand-by mode.

DIGITAL or ANALOGUE CHANNELS ?

This TV set can tune digital and analogue channels.

Use **D/A** button of the remote control to switch the TV between analogue and digital mode. Then use

▲ PR ▼ or **0..9** buttons to select channel.



PROGRAM SELECTION (FROM 0 TO 99)

Direct selection

Use the remote control NUMBER 0...9 buttons (A6).
For two digits program numbers, enter the second digit within 2 seconds.

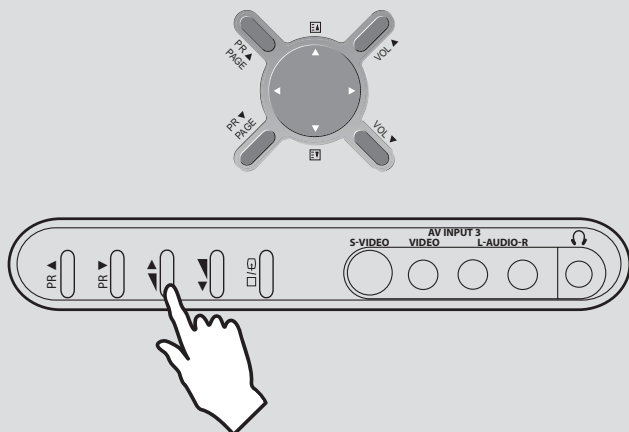
Up / Down selection

Use the remote control PROGRAM UP (A10) / DOWN (A10) buttons or the TV set front panel PROGRAM UP / DOWN buttons (B4 or B5).


SOUND CONTROL

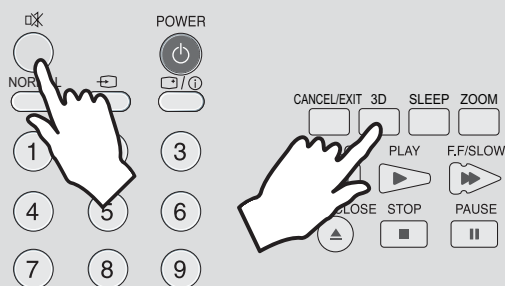
Volume adjustment

Use the remote control VOLUME UP (A13) / DOWN (A13) buttons or the TV set top panel VOLUME UP / DOWN buttons (B6 or B7).




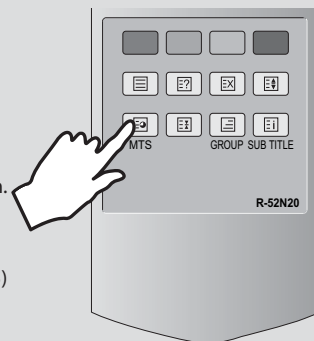
Mute

Mute the sound by pressing the remote control SOUND MUTE button (A2).
Then,  logo is displayed. The previous sound setting is returned after pressing the same button a second time.
If a sound related function is used (e.g. VOLUME, 3D) then the MUTE will also be cancelled.



Mono forcing, dual language

- If you are unable to get good sound quality for a program due to poor reception, you can force a change from stereo to mono transmission by pressing the remote control MTS button (A25). Then the program status display will indicate „MONO“ with a  icon.
- On the other hand, during a program with dual language transmission, the MTS button (A25) allows you to toggle between the first and second language. The program status display will indicate „DUAL 1“ or „DUAL 2“ (plus NICAM according to the received signal).
- To return to initial state, press again the MTS button (A25).



Sound effects

A SPATIAL sound effect is available, using the remote control 3D (A16) button.

The following display appears:



To return to initial sound effect, press again the 3D (A16) button.

The following display appears:



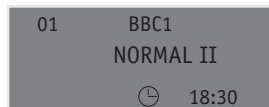
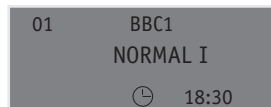
As an option, the sound effects PANORAMA and Dolby Virtual are available with the same button. For other adjustments such as BALANCE, EQUALIZER or AVL(option), use the SOUND menu (page10).

PICTURE CONTROL

You can select three pictures settings, by using the remote control NORMAL button (A3) :

- Normal I (standard hard picture)
- Normal II (standard soft picture)
- Favourite

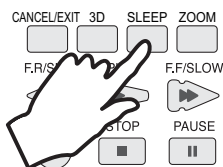
For other adjustments: BRIGHTNESS, CONTRAST, COLOUR, SHARPNESS, NOISE REDUCTION, use the PICTURE menu.
If an NTSC signal is received, then the TINT adjustment will also be available.



SLEEP FUNCTION

The set will turn off (to stand-by mode) after a period of time that you can select. By repeated use of the remote control SLEEP button (A17), you can enter one of the following settings :

OFF → 20 min → 40 min → 60 min → 80 min → 100 min → 120 min → OFF



Remaining time (minutes)
before TV set switches off

The SLEEP time remaining (before TV turn-off) can be seen again at any time by one touch on the remote control SLEEP button (A17).
A second touch (while the status display is active) will modify the SLEEP time remaining.

FORMAT SELECTION

AUTO setting :

If picture format signalling data is received, then the most appropriate ZOOM format will be automatically selected. In the absence of this data, the default ZOOM format will be selected (see page 13, ZOOM AUTO function under FEATURES MENU).

Otherwise, the preferred mode of the user can be forced by repeated pressing of the remote control ZOOM button (A18):

Television Format 16:9

The following picture formats are available:

AUTO → 4:3 → ZOOM 14:9 → ZOOM 16:9 →
FULL SCREEN → PANORAMA → AUTO



MENUS DESCRIPTION

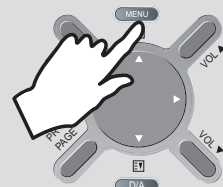
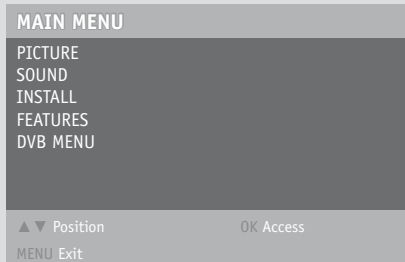
MAIN MENU

All menus are removed within 60 seconds if you don't press any button.

Press the remote control MENU button (A9) to display the main menu. Then, you have the choice between several sub-menus:

If you want to Exit the main menu, press the MENU button (A9) a second time.

- To select one of the sub-menus, use the remote control CURSOR UP (A11), DOWN (A11) buttons.
- To enter the selected sub-menu, press the remote control OK button (A7).



Remark: In AV mode the INSTALL menu is not available, and will not be selectable.

PICTURE MENU

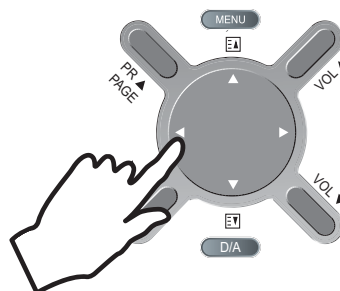
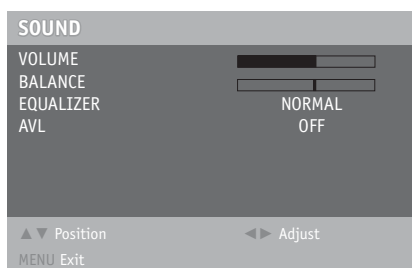
(For operating instructions, see page 9, HOW TO USE THE SUB-MENUS)

- Select and adjust the level of each function : BRIGHTNESS, CONTRAST, MODE COLOUR, SHARPNESS, TINT (if available).
- You also can select MODE with NORMAL key on REMOTE CONTROL.
- NOISE REDUCTION feature can be activated or not.
- The OK (A7) or NORMAL button will select the picture presets FAVOURITE, NORMAL I, NORMAL II. The currently selected preset is displayed in the menu header.
- The FAVOURITE preset contains the settings that you last entered. If the NTSC standard is detected (eg from VHS player connected to AV1), then TINT will be available. Otherwise TINT will be displayed, but not selectable.



SOUND MENU

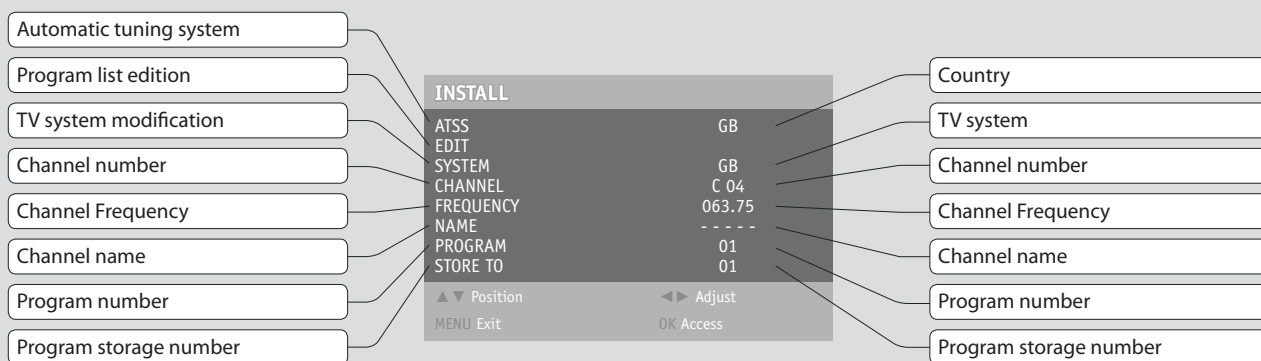
(For operating instructions, see page 9, HOW TO USE THE SUB-MENUS)



- Select VOLUME function to adjust the volume level.
- Select BALANCE function to adjust sound balance between the left and right speakers. If the indicator is highlighted in red, then the central balance position has been found.
- Use the EQUALIZER function to select the sound presets MUSIC, SPEECH, NORMAL, FAVOURITE by use of the CURSOR LEFT (A12), RIGHT (A12) buttons. The FAVOURITE preset contains the settings that you last entered into the EQUALIZER menu.
- The OK button (A7) will enter the EQUALIZER menu, and allow you to change the FAVOURITE settings.
- Automatic Volume Level (AVL, Option) feature has 4 levels according to your preference. This feature corrects for large volume level changes, such as occur when passing from a movie to advertisements. The AVL solves this problem by equalizing the volume level, over a SHORT MEDIUM or LONG period (referring to the time constant over which the equalizing effect lasts).

INSTALL MENU

(For operating instructions, see page 9, HOW TO USE THE SUB-MENUS)



Automatic Tuning System

If you have a satellite decoder: If your decoder is connected to the TV set by the aerial jack (C3), you must power on the demodulator and tune Sky News before starting ATSS.

ATSS = Automatic Tuning and Sorting System. To start the ATSS function:

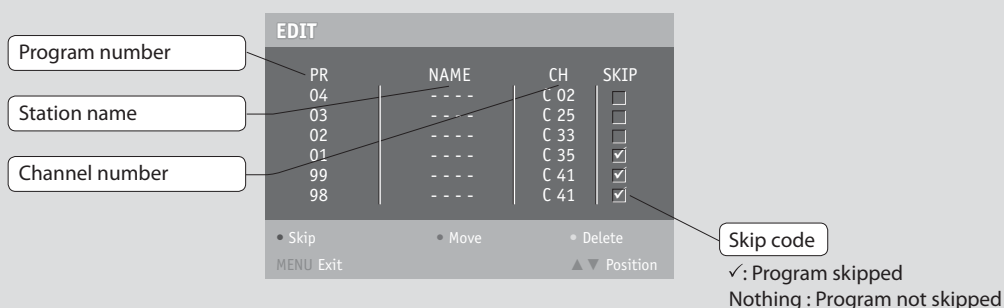
- Select „ATSS“ function.
- Adjust to the required country.
- Press and hold the OK button (A7) to start the automatic tuning.

The ATSS function has started when the phrase „Please Wait!“ appears (in red characters) in the help instructions box, below the Install menu.

When the ATSS function is finished, the stored programs are displayed on screen using Edit menu presentation (to Exit tuning before automatic tuning finished, press the remote control MENU button (A9))

Program List Edition

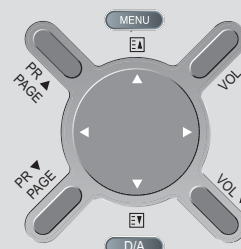
This allows you to easily manipulate the existing program order allocation, by using Edit menu functions described below.



To enter the EDIT menu: From Install menu, select „Edit“, and press the OK button (A7): the EDIT menu appears.

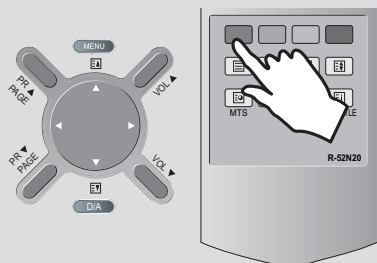
The current program being displayed is highlighted in blue (on the central line). In the above case, the current program is PR00. The 3 previous, and 3 following programs, are always displayed. Any program from 00 to 99 can be selected, by using the remote control CURSOR UP (A11) / DOWN (A11) buttons.

The memorised programs can be modified as follows :



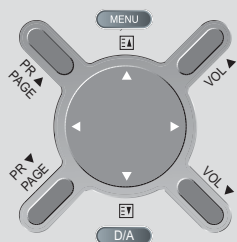
Channel skipping

- You can select skip „YES“ or „NO“ using the remote control RED „Skip“ button (A20). A program with skip „YES“ doesn't appear on screen when changing channels with the PROGRAM UP (A10) / DOWN (A10) buttons.



Manual Channel Tuning

- Choose a starting point
- Select with „Program“ the program from which you want to start manual tuning. Then the channel number, the frequency, the name and the program number of this program are displayed in the Install menu.



TV system modification

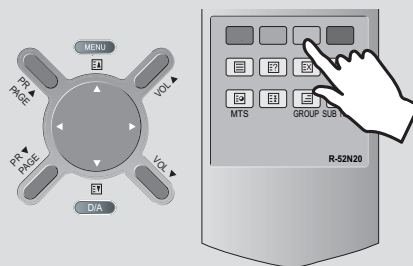
If necessary, you can modify the TV system :

- Select „system“ function.
- Adjust choosing between FRANCE (L/L'), GB (I), EURO (B/G), E/ EURO (D/K) systems.

Then, the program displayed on the screen is changed to the chosen system.

Channel deleting

- Select the program to delete using the remote control CURSOR UP (A11) / DOWN (A11) buttons.
- Press the remote control YELLOW „Delete“ button (A20). The deleted program is moved to program number 99 with skip changed to „YES“. The existing 99 program is moved to program number 98 and so on.



Channel searching

- Select the „Frequency“ function.
- Press, and hold for more than 1 second, the remote control CURSOR RIGHT (A12) [LEFT (A12)] buttons to start up [down] manual tuning.
- Searching will stop automatically at the next channel found (to stop tuning, press the remote control MENU button (A9)).

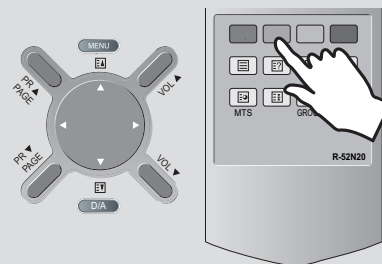
Note: You can directly locate a program by entering the data into the „channel“ or the „frequency“ function.

Perform fine tuning

- If you are unable to get a good picture or reasonable quality sound due to poor reception, it is possible to perform fine tuning.
- Select the „frequency“ function.
- Press, for less than 1 second, the remote control CURSOR RIGHT (A12) [LEFT (A12)] buttons to perform up [down] fine tuning in steps of 0.05MHz (50 kHz).

Channel order changing

- Select the program to move using the remote control CURSOR UP (A11) / DOWN (A11) buttons.
- Press the remote control GREEN „Move“ button (A12): the program line background is highlighted in green, and can be moved to another position using the remote control CURSOR UP (A11) / DOWN (A11) buttons.
- When the desired position is reached, confirm the new position pressing the remote control GREEN „Confirm“ button (A12). Then the program line background will return again to grey.



Enter station name

It is possible to enter your own choice of name for each program. You can change an existing name, or enter a name where none exists. If none exists, „- - - - -“ will be shown in the Install menu, and program status display (see the section PROGRAM STATUS DISPLAY on page 8).

- Select the „NAME“ function.
- Select one of the 7 character positions by using the remote control CURSOR RIGHT (A12) / LEFT (A12) buttons to move the cursor.
- Then use the CURSOR UP (A11) / DOWN (A11) buttons to select the desired character for that position.
- Repeat the last two instructions for other positions, as desired.
- Once the name has been entered, press the OK button (A7) to store it. The name will be memorised to the program number currently shown on the „Store To“ line. The „Store To“ program number will highlight in red briefly.

Store program in memory

- Select the „store to“ function
- Enter the program number you want to store to either by using the remote control CURSOR RIGHT (A12) / LEFT (A12) buttons, or directly by using the remote control NUMBER 0...9 buttons (A6).
- Press the OK button (A7) to confirm.

Remarks: this function can also be used if you want to copy a program already memorised to another program number.

FEATURES MENU

See section near the end of section DAILY USE for a more detailed explanation of these functions.

(For operating instructions see page 9, HOW TO USE THE SUB-MENUS)

1. When switched to ON:

Prevents the use of the TV set without remote control

2. Wake up function

This function is only selectable when the clock is set. The TV set turns on from stand-by at the WAKE TIME with the programme entered on the WAKE PROG. line. Put the TV set on stand-by with the remote control

3. Shared with WAKE TIME.

4. TV clock setting

This function allows user to enter the time manually.

Note : If you turn off the set with the main power button, the clock setting is lost. An automatic attempt is made to set the clock again at power on.

5. This function is only selectable when the default picture format is currently active (see also FORMAT SELECTION, AUTO setting, page 8). This selects the default format to be used only when the format selected with the ZOOM button (A18) is AUTO, and no picture format signalling data is received.

FEATURES

CHILD LOCK
WAKE TIME
WAKE PROG.
CLOCK
ZOOM AUTO

OFF
OFF
D 999
-- : --
16 : 9

▲ ▼ Position
MENU Exit

◀ ▶ ON / OFF

1. Adjust this value ON or OFF.

- In stand-by mode, the stand-by indicator flashes red and green to indicate the CHILD LOCK is set.
- The front panel TV buttons (B4, B5, B8, B8) become inactive and the TV will only respond to the remote control.

2. Switch the WAKE UP function OFF or 'ON' (the time will be shown e.g. 07:15) with the remote control CURSOR LEFT (A12) /RIGHT (A12) buttons
- Enter the wake up time with the remote control 0...9 NUMBER (A6) buttons.

3. Adjust TV turn-on program number
D: Digital channel
A: Analog channel

4. Adjust TV clock. Clock will start at 0 seconds upon entry of the 4th figure.




5. Choose your preferred default format with the remote control CURSOR LEFT (A12) /RIGHT (A12) buttons.

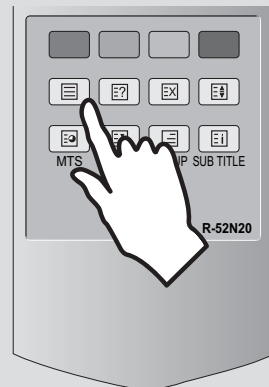
Note : For 4:3 TVs FULL SCREEN is represented by 4:3. For 16:9 TVs FULL SCREEN is represented by 16:9.



TELETEXT

ENTERING/LEAVING TELETEXT MODE

- Select the desired program with teletext.
On the analog mode: TELETEXT
On the digital mode: MHEG
- Press the remote control TELETEXT () button (A21) to select teletext mode. The initial page (or the last page viewed if you have already used teletext in the present channel) appears.
- Teletext And Teletext (TAT) function (OPTION): if you want to watch two teletext pages on same screen, press the TELETEXT () button (A21) again. When entering into TAT mode, the active teletext page is on the left hand part of the screen, at the base of the screen a menu coloured page links is available. The passive page, on the left hand part, is locked to the active page, usually it display the next page in the list.
Using the remote control RIGHT (A12) / LEFT (A12) buttons, you can change the active page. For example, you can held the index page (press HOLD button (A26)); on one side of the screen and change the active page to the other side for navigation.
- Picture And Teletext (PAT) function (OPTION) : If you want to watch the TV program and use teletext at the same time, press the TELETEXT button (A21) again. Teletext will be displayed on the right hand part of the screen, and the whole TV picture will be compressed into left hand part of the screen.
- To return to TV mode, press again the TELETEXT () button (A21).




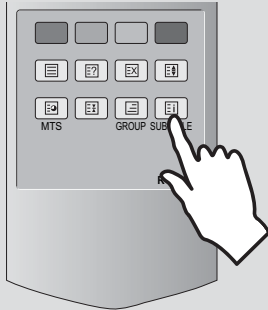
PAGE SELECTION


- You can directly enter the 3 figure page number by using the remote control NUMBER 0...9 buttons (A6).
- You can sequentially select teletext pages by pressing the remote control PAGE UP (A11) / DOWN (A11) buttons.
- At the base of the screen a menu of coloured page links is available, showing either page numbers or a title with headings (eg Sport, News) in RED, GREEN, YELLOW or CYAN colour. These pages can be accessed by using the corresponding coloured buttons (A20) on the remote control.

Once a request is made, the page number is shown in the extreme top left corner of the screen. If the requested page is not immediately available the rolling header will be active until the page arrives.

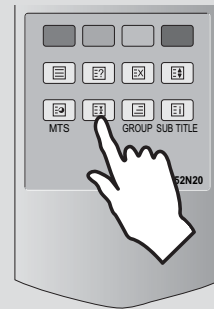
USEFUL TELETEXT FUNCTIONS

INDEX () button (A27): Allows you to return directly to the initial teletext page.



PAGE HOLD button () (A26): Any teletext page or subpage can be held on the screen by pressing the PAGE HOLD button.

- The page number shown in the extreme top left corner instead of page number the HOLD icon is shown in green.
- Press the HOLD button again to cancel hold mode (the page number will return to white).

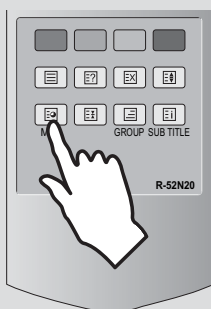



SUBPAGE () button (A25):

- Press the SUBPAGE button (A25). In the extreme top left corner, instead of the page number, "S. . ." will be displayed. This is ready to accept the subpage number.
- Enter directly the subpage number you want with the remote control NUMBER 0..9 buttons (A6): for example to request the 2nd subpage, type 0002.
- After a few seconds the subpage number is replaced by the page number in the header. You can press again SUBPAGE button (A25), to display the subpage number.
- If the requested page is not immediately available the rolling header will be active until the page arrives.

Warning: If the subpage is not available (does not exist), then the header will roll continuously and no new page will be found.

Note : Teletext specification allows for subpage numbers 0000 to 3979 (the first figure is limited to the range 0..3, and the third figure 0..7).




REVEAL () button (A22): Press this button to reveal, on certain pages, hidden information such as the answer to a quiz.

- Press the button again to hide the information.



TELETEXT FORMAT PICTURE & SOUND CONTROL

Doubling character height

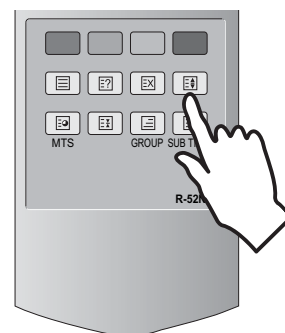
Repeatedly pressing the HEIGHT () button (A23) doubles the character height in the following order:

Upper half of the page (UP) > Lower half of the page (DOWN) > Return to normal height.

If the page is in UP or DOWN mode, then normal size is automatically set if :

- A new page request is made (e.g. CYAN, INDEX or PAGE UP/DOWN).
- CANCEL mode (A24) function is used.
- VOLUME menu is activated the with the MENU button (A9).

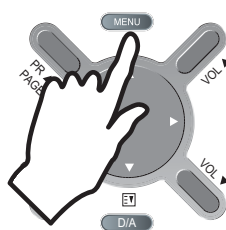
Note : The menu at the base of the screen is always visible



Volume and brightness control in teletext mode




VOLUME (and sound MUTE), BRIGHTNESS controls are all possible in teletext. The BRIGHTNESS control are dedicated to the teletext display.

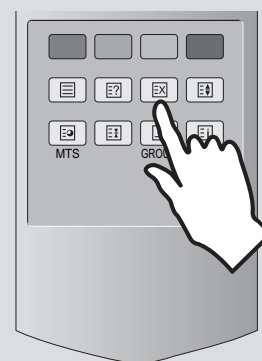
- Access the VOLUME control by pressing the MENU button (A9) in teletext mode. A bargraph will appear in the lower part of the screen (as in TV mode). If MUTE is active a mute icon is also shown.
- A second press on the MENU button (A9) will access the BRIGHTNESS control.
- The active bargraph will timeout after 3-4 seconds (as in TV mode VOLUME control) or by pressing on the MENU button (A9) a third time after brightness control
- Each control can be adjusted by using the remote control CURSOR RIGHT (A12) / LEFT (A12) buttons.
- Mute can always be activated by pressing the SOUND MUTE button (A2).
- Any change to the VOLUME level will cancel the SOUND MUTE.



WATCHING TV WHILE PAGE SEARCHING

The CANCEL function can be used to make the teletext page transparent, thus revealing the TV picture:

- To enter cancel mode, press the CANCEL () button (A24) while in teletext mode. The TV program will reappear on the screen, while only the teletext page number or the cancel icon remains at the top and left corner of the screen.
- You can enter a new page number in this mode only by using the remote control NUMBER 0...9 buttons (A6), or with the INDEX () button (A27).
- If a page has been requested, but has not yet arrived, cancel icon will be displayed until the page arrives. Once arrived the page number will be displayed.
- The teletext page can be made visible again by pressing the CANCEL () button (A24).
- It should be noted that the TV program cannot be changed while in cancel mode.
- The CANCEL function is not available in PAT and TAT mode.



WATCHING TV WITH TELETEXT SUBTITLES

If the actual teletext page is a news flash or subtitle page, then most of the TV picture becomes visible. In this situation the ZOOM format chosen in TV mode is reactivated, where possible.

This is particularly useful while watching a program with the teletext subtitles. Only formats which do not allow the full height of the TV picture to be seen are not possible in teletext mode, as these would not allow all teletext lines to be displayed.

Therefore only the formats ZOOM 14:9 AND ZOOM 16:9 (available with wide screen TV models) cannot be preserved with teletext subtitles. In this situation the default format FULL SCREEN (equal to 16:9) will be used.



DVB MENU

DVB MENU

Press the Menu button to display the main menu. then, select DVB MENU. You may see the DVB MENU OSD.
Whenever you need more information during use any DVB MENU directory, press info button (A5) then you will see more detailed information on the screen. And In some menus, you can use blue, yellow, red, green button.
Those buttons' function depend on which menu it is.
* This menu is activated only on digital mode.

DVB MENU

Channel list

Favourites

Guides

Timers

Settings

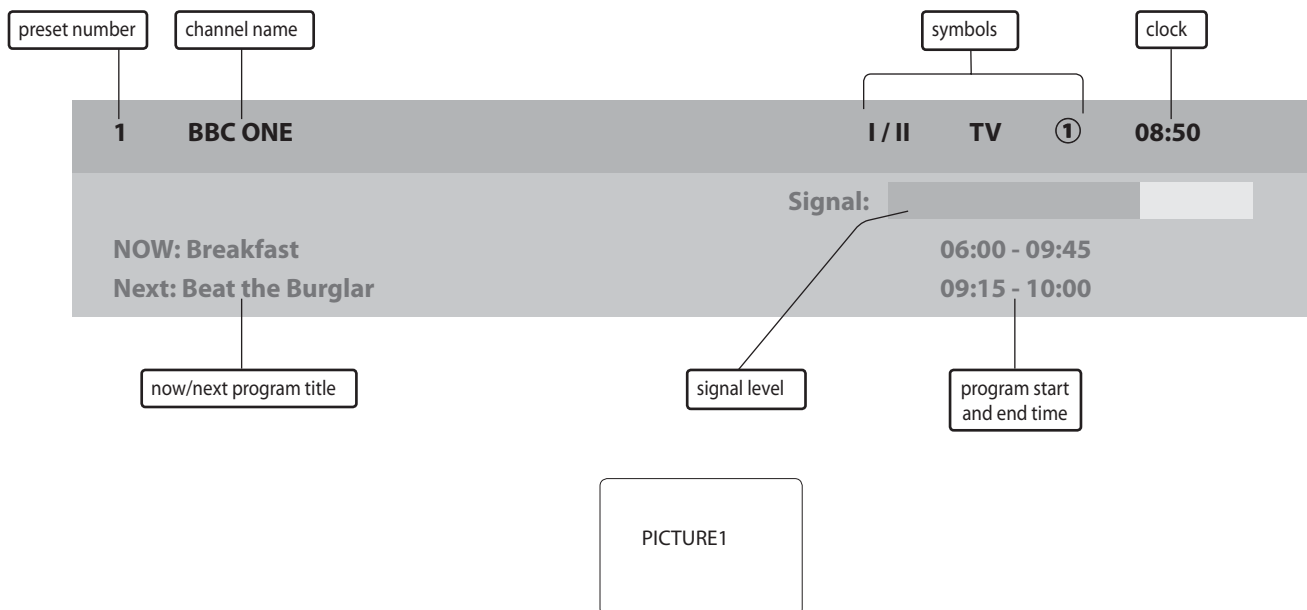
Common Interface

MENU Exit

SELECT Select

About the information on the banner.

When you select a digital program, an information banner is displayed for a few seconds at the bottom of the screen.



Symbols description

- I / II Other audio languages are available and can be selected in Configuration (see page no.xx)
- ① (~⑤) The selected Favourite list number is displayed here.

Press info key and press SELECT / <D> key to see other informations.

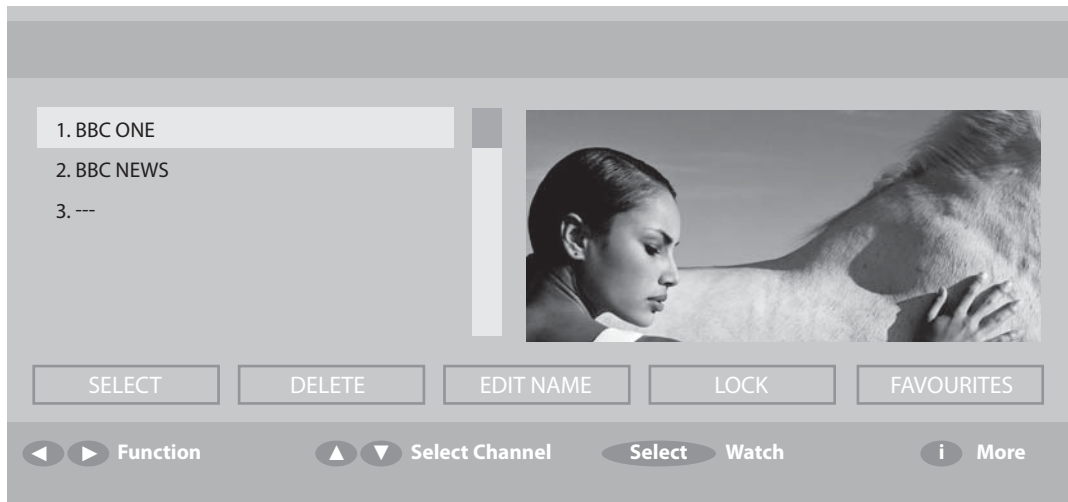
- SELECT Extended schedule list banner
- <D> Current language dialog
- >D> Extended schedule timeline banner

PICTURE2

PICTURE3

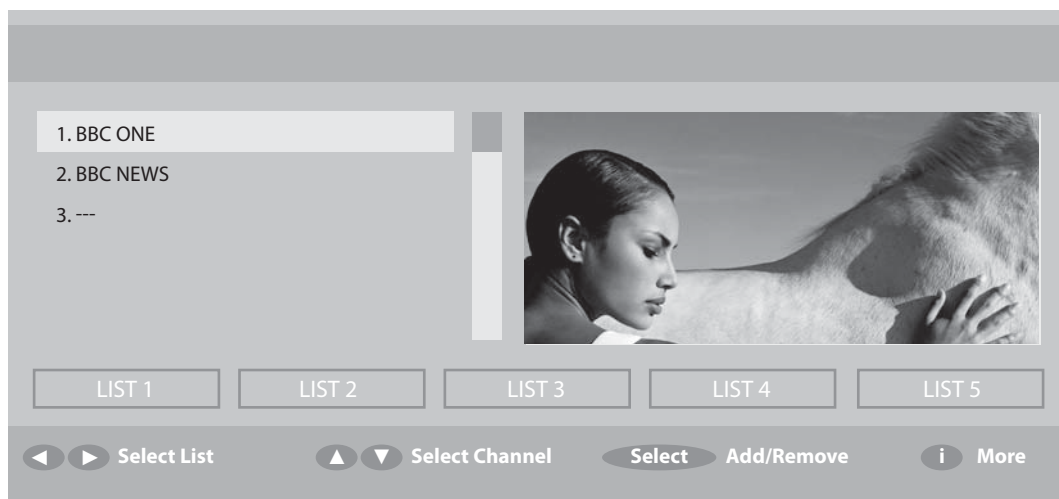
PICTURE4

CHANNEL LIST



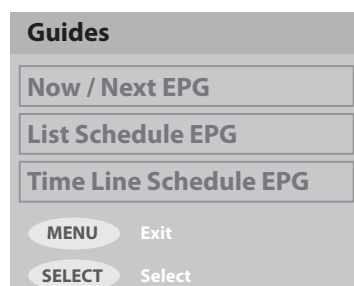
- **Select** and **Delete** function is to choose or delete channel.
- Select **Edit Name** function to change channel name as you want.
Press **UP / DOWN** key to change characters.
- If you want to lock some channels for several reasons, select Lock function and enter the password. you should remember the password.
If you forgot, please do auto search again to make password back to default "0000"
- **Favourites** function is the same as **Favourites** on **DVB MENU**.
So you can also setup this function on **Channel List** or **DVB MENU**.

FAVOURITES



- This menu is allow you to make your favourite channel list. You can make 5 favourite lists.
- Move highlight on any list (1~5). Then press **Select** key to make your own list.
When you press **Select** key, the mark(①②③④⑤) will show up on the channel name's left side.
For example, If there is ③ mark on ITV 2, that means ITV 2 is selected as your **favourite list 3**. You can make favourite lists up to 5.
- After finishing, to use this function, go to **Configuration (DVB MENU -> SETTING -> Configuration)** and setup **Favourite mode** on/off. (see page 19)

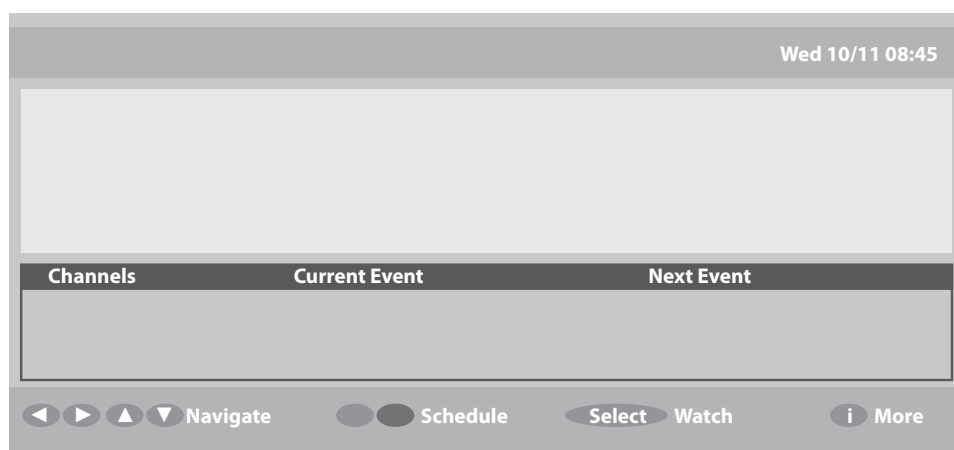
GUIDES



Select each sub-menus.

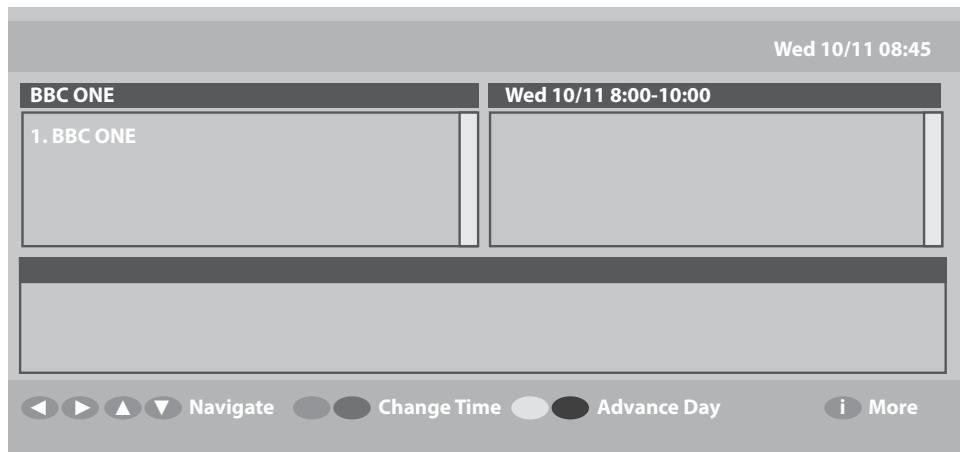
Now / Next EGP

- You can check now / next program here. Move **highlight** up/down and get informations.
- **Yellow/blue** button is for change schedule.



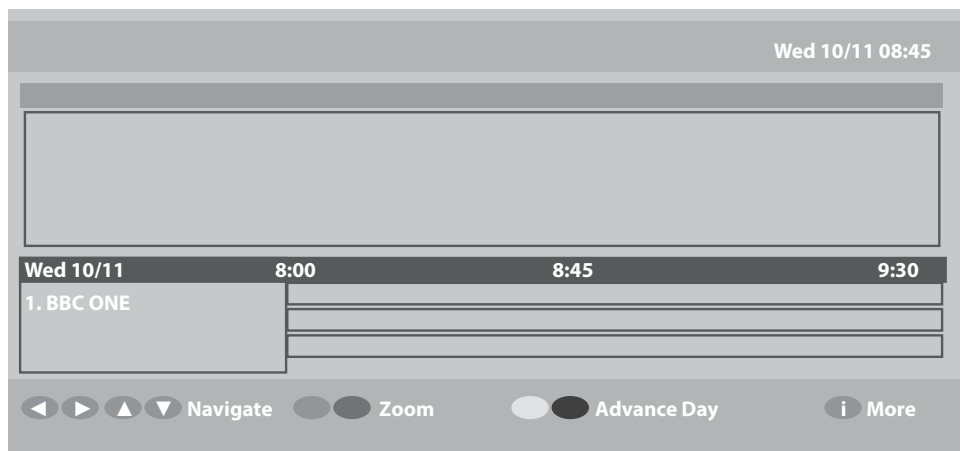
List Schedule EPG

- You can check program schedule here. Navigate channel by pressing **up/down/right/left** button.
- Press **blue/yellow** buttons to change date. **Red/blue** buttons are for change time.

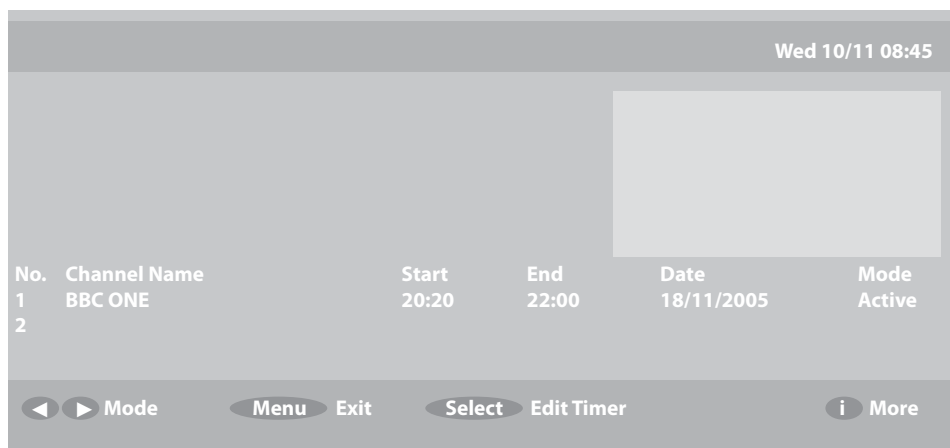


Time line Schedule EPG

- You can check time schedule here.
- Press **blue/yellow** buttons to change date.



TIMERS



- If you want to watch a special program on time without everyday touch, please setup **Timers**
- At first, press select key. You will see time setup **OSD**. (see right picture)
- You can change channel at **Name**.
- Setting start/end time you want at **Start / End**
- Select **Mode (Once, Daily, Weekly)**
- If a channel is set to change to LOCKED channel, password OSD will be displayed before channel changing.

name :	1. BBC ONE
start :	20:20
end :	22:00
date :	18/07/2005
mode :	weekly
password :	none

SETTINGS

Setting

Configuration

Language

Installation

MENU Exit

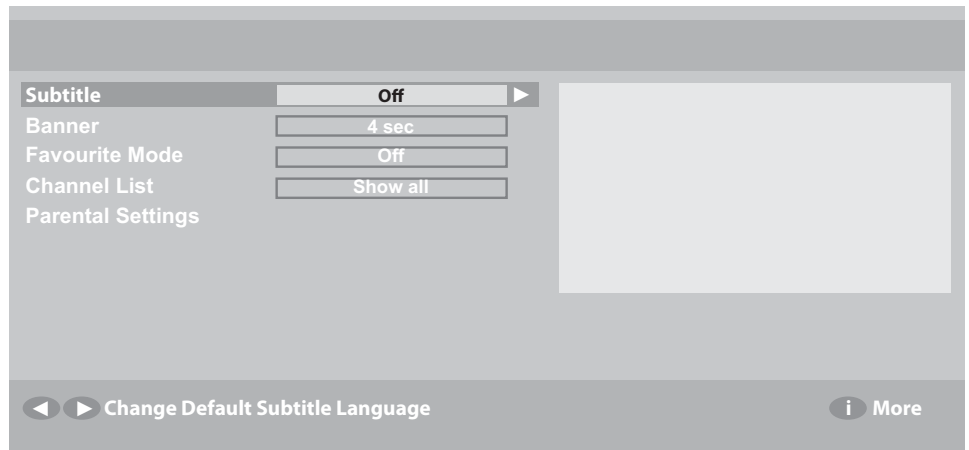
SELECT Select

Select each sub-menu

Configuration

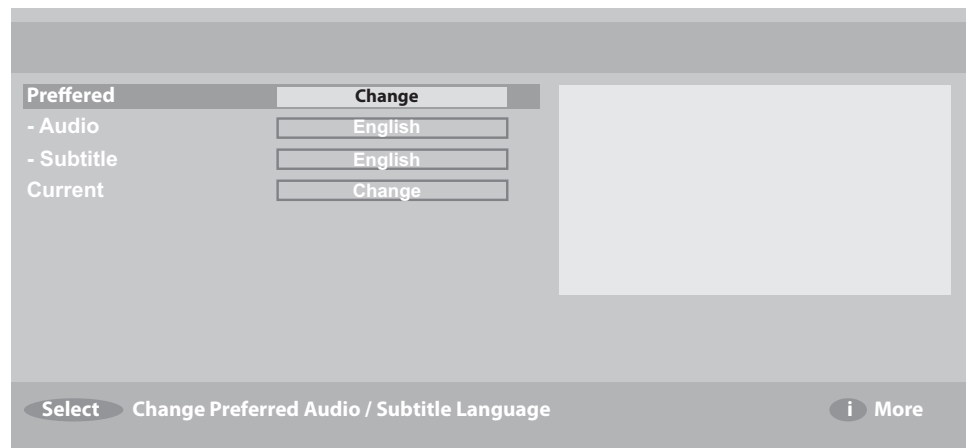
This has 4 sub-menus.

- **Subtitle** on/off
- Change **Banner** time
-> **off - 1 sec - 2sec - 4sec - 8sec**
- You can choose your favourite list (see page xx) on **Favourite Mode**. If it is selected as off, all channel are shown.
- **Change Channel List**
-> **Show all - TV only - RADIO only - TEXT only**
- **Parental Setting** enables you to make individual services. **DVB MENU** and Installation are protected by password. The default password for **parental setting** is „0000“



Language

- **Preferred** language can be predefined and depends on the your requirements. You can choose **AUDIO** and **SUBTITLE** language by pressing **select** button and setting up.
- **Current** language's default value is set to „English“ press **select** button and setting up



Installation

- **Automatic Search** is function to scan each channel for services. If you cancel Automatic Search before it is completed, previous list of services is used, if already stored.

Do you want to start automatic search?
Your previous channel list will be replaced.

Yes

No

- **Manual Search** is function to scan individual channel.
Enter the **Channel number** to be scanned.

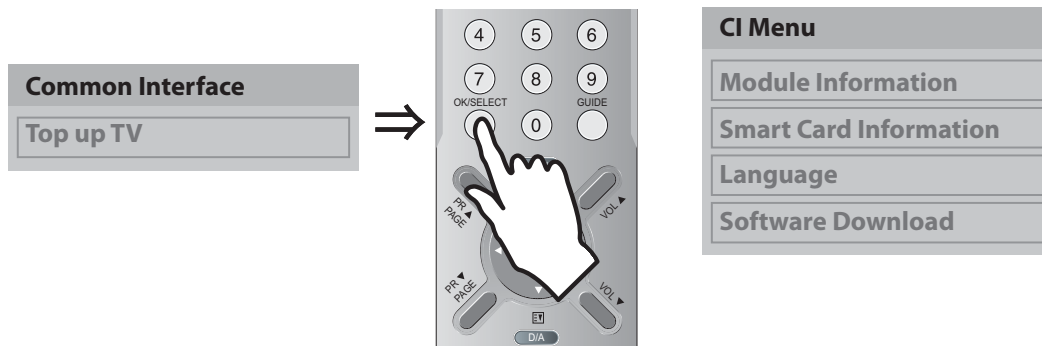
- Signal Quality consists of 5 levels ->
none - poor - medium - good - very good

Channel Number

Signal Quality: Very Good
Signal Level:

0 .. 9 Select Channel Select Search Menu Exit i More

COMMON INTERFACE



- This slot allows you to watch **pay channel** if you insert **CI Card**.
- If there is **no CI Card** in the slot, „**No common interface module detected**” on the screen.
- When you **insert CI Card**, „**Common interface module inserted**” on the screen.

Then, you now can watch **pay channel**.

- If you **remove CI Card** form the slot, „**Commen interface module removed**” on the screen, and you can't watch **pay channel** any more until you insert card again.