

Panasonic[®]

OPERATING INSTRUCTIONS



TX-32C300B

COLOUR TELEVISION WITH REMOTE CONTROL

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Safety Information

	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.		

Don't operate your TV in extreme ambient conditions as this may cause damage to your TV.



In extreme weather (storms, lightning) and long inactivity periods (going on holiday) disconnect the TV set from the mains. The mains plug is used to disconnect TV set from the mains and therefore it must remain readily operable.



This sign is present wherever there is very important information on operation and maintenance of the appliance in the literature accompanying it.



Note: Follow the on screen instructions for operating the related features.








IMPORTANT - Please read these instructions fully before installing or operating

⚠ WARNING: Never let people (including children) with reduced physical, sensory or mental capabilities or lack of experience and / or knowledge use electrical devices unsupervised.

- For ventilation purposes, leave a free space of at least 10 cm all around the set.
- **Do not** block ventilation holes.
- **Do not** place the TV on sloping or unstable surfaces, the TV may tip over.
- Use this device in moderate climates.
- The power cord plug should be easily accessible. **Do not** place the TV, furniture, etc. on the power cord. A damaged power cord/plug can cause fire or give you an electric shock. Handle the power cord by the plug, **do not** unplug the TV by pulling the power cord. Never touch the power cord/plug with wet hands as this could cause a short circuit or electric shock. Never make a knot in the power cord or tie it with other cords. When damaged it must be replaced, this should only be done by qualified personnel.
- **Do not** use this TV in a humid or damp environment. Do not expose the TV to liquids. In case the cabinet contacts any liquids unplug the TV immediately and have it checked by qualified personnel before operating it any further.

- **Do not** expose the TV to direct sunlight, open flames or place it near intense heat sources such as electric heaters. 
- Listening in excessive volumes from earphones and headphones may cause hearing loss.
- Ensure that no open flame sources, such as lit candles, are placed on top of the TV. 
- To prevent injuries, this TV must be securely attached to a wall by carefully following the instructions (if the option is available).
- Occasionally, a few non-active pixels may appear on the screen as a fixed blue, green or red point. Please note that this does not affect the performance of your product. Take care not to scratch the screen with fingernails or other hard objects.
- Before cleaning, unplug the TV from the wall socket. Only use a soft, dry cloth while cleaning.

 Warning	Serious injury or death risk
 Risk of electric shock	Dangerous voltage risk
 Caution	Injury or property damage risk
 Important	Operating the system correctly
 Notice	Additional notes marked

Maintenance

First, remove the mains plug from the mains socket.

Display panel, Cabinet, Pedestal

Regular care:

Gently wipe the surface of the display panel, cabinet, or pedestal by using a soft cloth to remove dirt or fingerprints.

For stubborn dirt:

1. First clean the dust from the surface.
2. Dampen a soft cloth with clean water or diluted neutral detergent (1 part detergent to 100 parts water).
3. Wring out the cloth firmly. (Please note, do not let liquid enter the TV inside as it may lead to product failure.)
4. Carefully wipe moisten and wipe away the stubborn dirt.
5. Finally, wipe away all the moisture.

Caution

Do not use a hard cloth or rub the surface too hard, otherwise this may cause scratches on the surface.

- Take care not to subject the surfaces to insect repellent, solvent, thinner or other volatile substances. This may degrade surface quality or cause peeling of the paint.
- The surface of the display panel is specially treated and may be easily damaged. Take care not to tap or scratch the surface with your fingernail or other hard objects.
- Do not allow the cabinet and pedestal to make contact with a rubber or PVC substance for a long time. This may degrade surface quality.

Mains plug

Wipe the mains plug with a dry cloth at regular intervals.

Moisture and dust may cause fire or electrical shock.

Assembling / Removing the pedestal

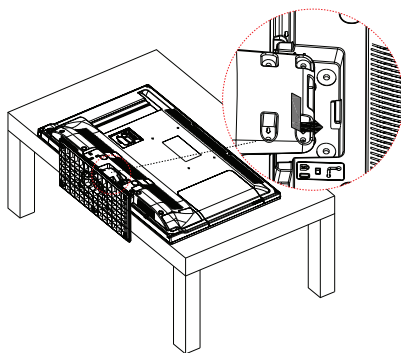
Preparations

Take out the pedestal(s) and the TV from the packing case and put the TV onto a work table with the screen panel down on the clean and soft cloth (blanket, etc.)

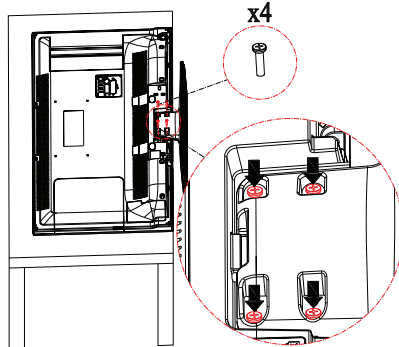
- Use a flat and firm table bigger than the TV.
- Do not hold the screen panel part.
- Make sure not to scratch or break the TV.

Assembling the pedestal

1. Place the stand(s) on the stand mounting pattern(s) on the rear side of the TV.



2. Insert the screws (M4 x 12) provided and tighten them gently until the stand is properly fitted.



Removing the pedestal from the TV

Be sure to remove the pedestal in the following way when using the wall-hanging bracket or repacking the TV.

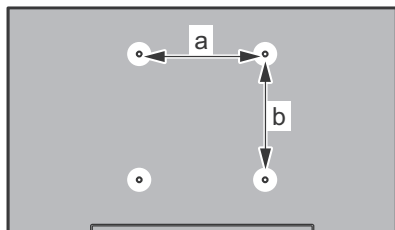
- Put the TV onto a work table with the screen panel down on the clean and soft cloth. Leave the stand(s) protruding over the edge of the surface.
- Unscrew the screws that fixing the stand(s).
- Remove the stand(s).

When using the wall-hanging bracket

Please contact your local Panasonic dealer to purchase the recommended wall-hanging bracket.

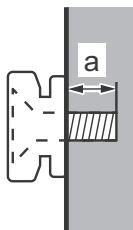
Holes for wall-hanging bracket installation;

Rear of the TV



a (mm)	200
b (mm)	100

View from the side



Depth of screw (a)	min. (mm)	5
	max. (mm)	7
Diameter	M4	

Note: The screws for fixing the TV onto the wall-hanging bracket are not supplied with the TV.

Environmental Information

This television is designed to be environment friendly. To reduce energy consumption, you can follow these steps:

If you set the **Energy Saving** to **Minimum**, **Medium**, **Maximum** or **Auto** the TV will reduce the energy consumption accordingly. If you like to set the **Backlight** to a fixed value set as **Custom** and adjust the **Backlight** (located under the **Energy Saving** setting) manually using Left or Right buttons on the remote. Set as **Off** to turn this setting off.

Note: Available **Energy Saving** options may differ depending on the selected **Mode** in the **Picture** menu.

The **Energy Saving** settings can be found in the **Picture** menu. Note that some picture settings will be unavailable to be changed.

If pressed Right button while **Auto** option is selected or Left button while **Custom** option is selected, "Screen will be off in 15 seconds." message will be displayed on the screen. Select **Proceed** and press **OK** to turn the screen off immediately. If you don't press any button, the screen will be off in 15 seconds. Press any button on the remote or on the TV to turn the screen on again. The brightness level is increased up to a very low level so the menu can be seen now. Press Left or Right button to change the **Energy Saving** option.

Note: **Screen Off** option is not available if the Mode is set to **Game**.

When the TV is not in use, please switch off or disconnect the TV from the mains plug. This will also reduce energy consumption.

Features

- Remote controlled colour TV
- Fully integrated digital terrestrial/cable TV (DVB-T2/C)
- HDMI inputs to connect other devices with HDMI sockets
- USB input
- OSD menu system
- Scart socket for external devices (such as DVD Players, PVR, video games, etc.)
- Stereo sound system
- Teletext
- Headphone connection
- Automatic programming system
- Manual tuning
- Automatic power down after up to eight hours.
- Sleep timer
- Child lock
- Automatic sound mute when no transmission.
- NTSC playback
- AVL (Automatic Volume Limiting)
- PLL (Frequency Search)
- PC input
- Game Mode (Optional)
- Ethernet (LAN) for interactive services available on digital channels
- Picture off function

Accessories Included

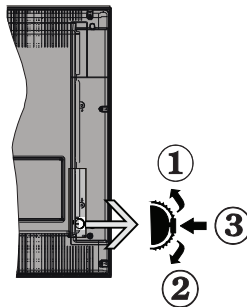
- Remote Control
- Batteries: 2 x AAA
- Instruction Book
- Detachable stand
- Stand mounting screws (M4 x 12)

Standby Notifications

If the TV does not receive any input signal (e.g. from an aerial or HDMI source) for 5 minutes, it will go into standby. When you next switch-on, the following message will be displayed: **“TV switched to stand-by mode automatically because there was no signal for a long time.”** Press **OK** to continue.

If the TV is on and it isn't being operated for a while it will go into standby. When you next switch-on, the following message will be displayed. **“TV switched to stand-by mode automatically because no operation was made for a long time.”** Press **OK** to continue.

TV Control Switch & Operation



1. Up direction
2. Down direction
3. Volume / Info / Sources List selection and Standby-On switch

The Control button allows you to control the Volume / Programme / Source and Standby-On functions of the TV.

To change volume: Increase the volume by pushing the button up. Decrease the volume by pushing the button down.

To change channel: Press the middle of the button, the information banner will appear on the screen. Scroll through the stored channels by pushing the button up or down.

To change source: Press the middle of the button twice (for the second time in total), the source list will appear on the screen. Scroll through the available sources by pushing the button up or down.

To turn the TV off: Press the middle of the button down and hold it down for a few seconds, the TV will turn into standby mode.

Notes:

- If you turn the TV off, this circle starts again beginning with the volume setting.
- Main menu OSD cannot be displayed via control button.

Operation with the Remote Control

Press the **Menu** button on your remote control to display main menu screen. Use the directional buttons to select a menu tab and press **OK** to enter. Use the directional buttons again to select or set an item. Press **Return/Back** or **Menu** button to quit a menu screen.

Input Selection

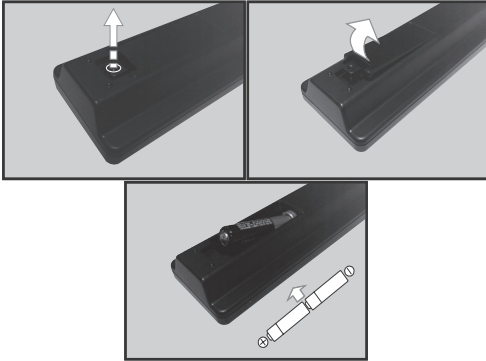
Once you have connected external systems to your TV, you can switch to different input sources. Press the **Source** button on your remote control consecutively to select the different sources.

Changing Channels and Volume

You can change the channel and adjust the volume by using the **Volume +/-** and **Programme +/-** buttons on the remote.

Inserting the Batteries into the Remote

Remove the screw that secure the battery compartment cover on the back side of the remote control first. Lift the cover gently. Insert two **AAA** batteries. Make sure the (+) and (-) signs match (observe correct polarity). Place the cover back on. Then screw the cover back on again.

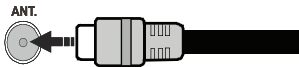


Connect Power

IMPORTANT: The TV set is designed to operate on **220-240V AC, 50 Hz** socket. After unpacking, allow the TV set to reach the ambient room temperature before you connect the set to the mains. Plug the power cable to the mains socket outlet.

Antenna Connection

Connect the aerial or cable TV plug to the **AERIAL INPUT (ANT)** socket located on the back of the TV.



Notification

TRADEMARK ACKNOWLEDGMENT

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Manufactured under license from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby Laboratories.



Disposal of Old Equipment and Batteries

Only for European Union and countries with recycling systems



These symbols on the products, packaging, and/or accompanying documents mean that used electrical and electronic products and batteries must not be mixed with general household waste.

For proper treatment, recovery and recycling of old products and batteries, please take them to applicable collection points in accordance with your national legislation.

By disposing of them correctly, you will help to save valuable resources and prevent any potential negative effects on human health and the environment.

For more information about collection and recycling, please contact your local municipality.

Penalties may be applicable for incorrect disposal of this waste, in accordance with national legislation.

Note for the battery symbol (bottom symbol):



This symbol might be used in combination with a chemical symbol. In this case it complies with the requirement set by the Directive for the chemical involved.



Authorized Representative:

Panasonic Testing Centre

Panasonic Marketing Europe GmbH

Winsbergring 15, 22525 Hamburg, Germany

Web Site: <http://www.panasonic.com>

Sales and Support Information

Customer Communication Centre

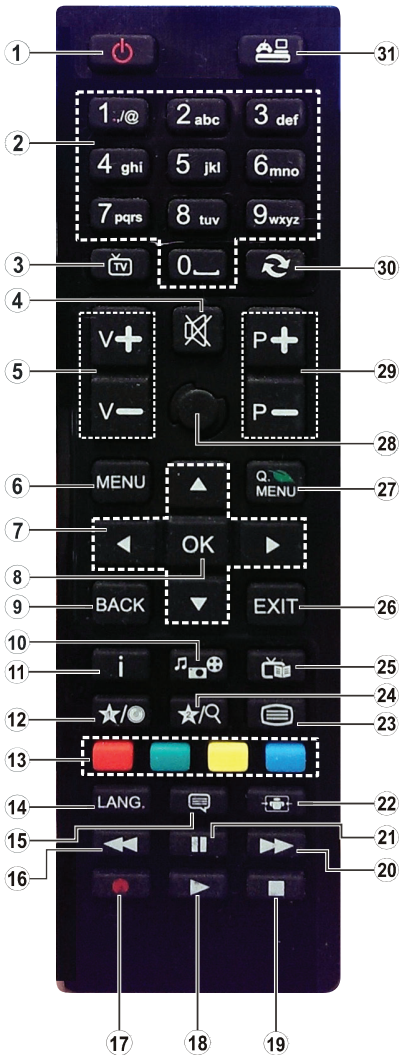
- For customers within the UK: **0344 844 3899**
- For customers within Ireland: **01289 8333**
- Monday - Friday 9:00am - 5:00pm, (Excluding public holidays).
- For further support on your product, please visit our website: **www.panasonic.co.uk**

Direct Sales at Panasonic UK

- Order accessory and consumable items for your product with ease and confidence by phoning our Customer Communications Centre Monday - Friday 9:00am - 5:00pm, (Excluding public holidays).
- Or go on line through our Internet Accessory ordering application at **www.pas-europe.com**.
- Most major credit and debit cards accepted.
- All enquiries transactions and distribution facilities are provided directly by Panasonic UK.
- It couldn't be simpler!
- Also available through our Internet is direct shopping for a wide range of finished products. Take a browse on our website for further details.

Specification

TV Broadcasting	PAL BG/DK/II' SECAM BG/DK
Receiving Channels	VHF (BAND I/III) - UHF (BAND U) - HYPERBAND
Digital Reception	Fully integrated digital terrestrial-cable TV (DVB-T-C) (DVB-T2 compliant)
Number of Preset Channels	1.000
Channel Indicator	On Screen Display
RF Aerial Input	75 Ohm (unbalanced)
Operating Voltage	220-240V AC, 50Hz.
Audio	A2 Stereo+Nicam Stereo
Headphone	3.5 mm mini stereo jack
Audio Output Power (WRMS.) (10% THD)	2 x 6 W
Power Consumption (W)	65 W
Weight (Kg)	6 Kg
TV Dimensions DxLxH (with foot) (mm)	185 x 735 x 478
TV Dimensions DxLxH (without foot) (mm)	77/97 x 735 x 438
Display	16/9 32"
Operation temperature and operation humidity	0°C up to 40°C, 85% humidity max





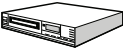








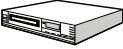









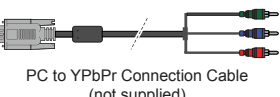
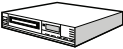



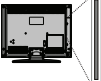





1. **Standby:** Switches On / Off the TV
2. **Numeric buttons:** Switches the channel, enters a number or a letter in the text box on the screen.
3. **TV:** Displays channel list / Switches to TV Source
4. **Mute:** Completely turns off the volume of the TV
5. **Volume +/-**
6. **Menu:** Displays TV menu
7. **Navigation buttons:** Helps navigate menus, content etc. and displays the subpages in TXT mode when pressed Right or Left
8. **OK:** Confirms user selections, holds the page (in TXT mode), views channel list (DTV mode)
9. **Back/Return:** Returns to previous screen, opens index page (in TXT mode)
10. **Media browser:** Opens the media browsing screen
11. **Info:** Displays information about on-screen content, shows hidden information (reveal - in TXT mode)
12. **My button 1 (*)**
13. **Coloured Buttons:** Follow the on-screen instructions for coloured button functions
14. **Language:** Switches between sound modes (analogue TV), displays and changes audio/subtitle language (digital TV, where available)
15. **Subtitles:** Turns subtitles on and off (where available)
16. **Rapid reverse:** Moves frames backwards in media such as movies
17. No function
18. **Play:** Starts to play selected media
19. **Stop:** Stops the media being played
20. **Rapid advance:** Moves frames forward in media such as movies
21. **Pause:** Pauses the media being played
22. **Screen:** Changes the aspect ratio of the screen
23. **Text:** Displays teletext (where available), press again to superimpose the teletext over a normal broadcast picture (mix)
24. No function
25. **EPG (Electronic programme guide):** Displays the electronic programme guide
26. **Exit:** Closes and exits from displayed menus or returns to previous screen
27. **Quick Menu:** Displays a list of menus for quick access
28. No function
29. **Programme +/-**
30. **Swap:** Quickly cycles between previous and current channels or sources
31. **Source:** Shows all available broadcast and content sources

(*) MY BUTTON 1:


This button may have a default function depending on the model. However you can set a special function to this button by pressing on it for five seconds when on a desired source or channel. A confirmation message will be displayed on the screen. Now the MY BUTTON 1 is associated with the selected function.

Note that if you perform **First Time Installation**, MY BUTTON 1 will return to its default function.

Connections

Connector	Type	Cables	Device
	Scart Connection (back)		
	VGA Connection (back)		
SIDE AV 	PC/YPbPr Audio Connection (side)	 YPbPr/PC Audio Cable (not supplied)	
	HDMI Connection (back)		
SPDIF 	SPDIF (Coaxial Out) Connection (back)		
SIDE AV 	Side AV (Audio/Video) Connection (side)	 AV Cable (not supplied)	
HEADPHONE 	Headphone Connection (side)		
YPBPR 	YPbPr Video Connection (back)	 PC to YPbPr Connection Cable (not supplied)	
USB 	USB Connection (side)		
	CI Connection (side)		
LAN 	Ethernet Connection (back)	 LAN / Ethernet Cable	

NOTE: When connecting a device via the YPbPr or Side AV input, you must use the connection cables to enable connection. See the illustrations on the left side. | You can use YPbPr to VGA cable (not supplied) to enable YPbPr signal via VGA input. | You cannot use VGA and YPbPr at the same time. | To enable PC/YPbPr audio, you will need to use the side audio inputs with a YPbPr/PC audio cable (not supplied) for audio connection. | If an external device is connected via the SCART socket, the TV will automatically switch to AV mode. | When receiving DTV channels (Mpeg4 H.264) or while in Media Browser mode, output will not be available via the scart socket. | When using the wall mounting kit (available from third party in the market, if not supplied), we recommend that you plug all your cables into the back of the TV before mounting on the wall. | Insert or remove the CI module only when the TV is SWITCHED OFF. You should refer to the module instruction manual for details of the settings. | The/Each USB input of your TV supports devices up to 500mA. Connecting devices that have current value above 500mA may damage your TV. | By connecting an HDMI cable to your TV, you have to use only a shielded HDMI cable to guarantee a sufficient immunity against parasitic frequency radiation.

 If you want to connect a device to the TV, make sure that both the TV and the device are turned off before making any connection. After the connection is done, you can turn on the units and use them.

Switching On/Off

To Switch the TV On

Connect the power cord to a power source such as a wall socket (220-240V AC, 50 Hz).

To switch on the TV from standby mode either:

- Press the **Standby** button, **Programme +/-** or a numeric button on the remote control.
- Press the side function switch on the TV until the TV comes on from standby.

To Switch the TV Off

Press the **Standby** button on the remote control or press the side function switch on the TV until the TV switches into standby mode.

To power down the TV completely, unplug the power cord from the mains socket.

Note: When the TV is switched into standby mode, the standby LED can blink to indicate that features such as Standby Search, Over Air Download or Timer is active. The LED can also blink when you switch on the TV from standby mode.

First Time Installation

When turned on for the first time, the language selection screen is displayed. Select the desired language and press **OK**.

On the next screen, set your preferences using the navigation buttons.

Note: Depending on the Country selection you may be asked to set and confirm a PIN at this point. The selected PIN cannot be 0000. You have to enter it if you are asked to enter a PIN for any menu operation later.

About Selecting Broadcast Type

Aerial: If **Aerial** broadcast search option is turned on, the TV will search for digital terrestrial broadcasts after other initial settings are completed.

Cable: If **Cable** broadcast search option is turned on, the TV will search for digital cable broadcasts after other initial settings are completed. According to your other preferences a confirmation message may be displayed before starting to search. Select **YES** and press **OK** to proceed. To cancel operation, select **NO** and press **OK**. You can select **Network** or set values such as **Frequency**, **Network ID** and **Search Step**. When finished, press **OK** button.

Note: Searching duration will change depending on the selected Search Step.

Analogue: If **Analogue** broadcast search option is turned on, the TV will search for analogue broadcasts after other initial settings are completed.

Additionally you can set a broadcast type as your favourite one. Priority will be given to the selected broadcast type during the search process. When finished, press **OK** to continue.

You can activate **Store Mode** option at this point. This option will configure your TV's settings for best display quality. This option is intended only for store use. It is recommended to select **Home Mode** for home use. This option will be available in **Setup>More** menu and can be turned off/on later.

Press **OK** button on the remote control to continue. After the initial settings are completed TV will start to search for available broadcasts of the selected broadcast types.

After all the available stations are stored, scan results will be displayed. Press **OK** to continue. The **Edit Channel List** menu will be displayed next. You can edit the channel list according to your preferences or press the **Menu** button to quit and watch TV.

While the search continues a message may appear, asking whether you want to sort channels according to the LCN(*). Select **Yes** and press **OK** to confirm.

(* LCN is the Logical Channel Number system that organizes available broadcasts in accordance with a recognizable channel number sequence (if available).

Note: Do not turn off the TV while initializing first time installation. Note that, some options may not be available depending on the country selection.

Media Playback via USB Input

You can connect 2.5" and 3.5" inch (hdd with external power supply) external hard disk drives or USB memory stick to your TV by using the USB inputs of the TV.

IMPORTANT! Back up the files on your storage devices before connecting them to the TV. Manufacturer will not be responsible for any file damage or data loss. Certain types of USB devices (e.g. MP3 Players) or USB hard disk drives/memory sticks may not be compatible with this TV. The TV supports FAT32 and NTFS disk formatting.

While formatting USB hard drives which have more than 1TB (Tera Byte) storage space you may experience some problems in the formatting process.

Wait a little while before each plugging and unplugging as the player may still be reading files. Failure to do so may cause physical damage to the USB player and the USB device itself. Do not pull out your drive while playing a file.

You can use USB hubs with your TV's USB inputs. External power supplied USB hubs are recommended in such a case.






It is recommended to use the TV's USB input(s) directly, if you are going to connect a USB hard disk.

Note: When viewing image files the Media Browser menu can only display 1000 image files stored on the connected USB device.

Media Browser Menu

You can play photo, music and movie files stored on a USB disk by connecting it to your TV. Connect a USB disk to one of the USB inputs located on the side of the TV. Pressing the **Menu** button while in the **Media Browser** mode will access the **Picture**, **Sound** and **Setup** menu options. Pressing the **Menu** button again will exit from this screen. You can set your **Media Browser** preferences by using the **Setup** menu.

Loop/Shuffle Mode Operation

Start playback with the Play button and activate 	All files in the list will be continuously played in original order
Start playback with the OK button and activate 	The same file will be played continuously (repeat)
Start playback with the Play button and activate 	All files in the list will be played once in random order
Start playback with the Play button and activate  	All files in the list will be continuously played in the same random order.

CEC and CEC RC Passthrough

This function allows to control the CEC-enabled devices, that are connected through HDMI ports by using the remote control of the TV.

The **CEC** option in the **Setup>More** menu should be set as **Enabled** at first. Press the **Source** button and select the HDMI input of the connected CEC device from the **Sources List** menu. When new CEC source device is connected, it will be listed in source menu with its own name instead of the connected HDMI ports name (such as DVD Player, Recorder 1 etc.).

The TV remote is automatically able to perform the main functions after the connected HDMI source has been selected.

To terminate this operation and control the TV via the remote again, press **Quick Menu** button on the remote, highlight the **CEC RC Passthrough** and set as **Off** by pressing Left or Right button. This feature can also be enabled or disabled under the **Setup>More** menu.

The TV supports also ARC (Audio Return Channel) feature. This feature is an audio link meant to replace other cables between the TV and the audio system (A/V receiver or speaker system).

When ARC is active, TV does not mute its other audio outputs automatically. So you need to decrease TV volume to zero manually, if you want to hear audio from connected audio device only (same as other optical or co-axial digital audio outputs). If you want to change connected device's volume level, you should select that device from the source list. In that case volume control keys are directed to connected audio device.

Note: ARC is supported only via the HDMI1 input.

System Audio Control

Allows an Audio Amplifier/Receiver to be used with the TV. The volume can be controlled using the remote control of the TV. To activate this feature set the **Speakers** option in the **Setup>More** menu as **Amplifier**. The TV speakers will be muted and the sound of the watched source will be provided from the connected sound system.

Note: The audio device should support System Audio Control feature and **CEC** option should be set as **Enabled**.

TV Menu Contents

Picture Menu Contents	
Mode	You can change the picture mode to suit your preference or requirements. Picture mode can be set to one of these options: Cinema , Game , Sports , Dynamic and Natural .
Contrast	Adjusts the light and dark values on the screen.
Brightness	Adjusts the brightness values on the screen.
Sharpness	Sets the sharpness value for the objects displayed on the screen.
Colour	Sets the colour value, adjusting the colours.
Energy Saving	For setting the Energy Saving to Custom , Minimum , Medium , Maximum , Auto , Picture Off or Off . <i>Note: Available options may differ depending on the selected Mode.</i>
Backlight	This setting controls the backlight level. The backlight function will be inactive if the Energy Saving is set to an option other than Custom . The backlight cannot be activated if the picture mode is set to Game .
Advanced Settings	
Dynamic Contrast	You can change the dynamic contrast ratio to desired value.
Noise Reduction	If the broadcast signal is weak and the picture is noisy, use the Noise Reduction setting to reduce the amount of noise.
Colour Temp	Sets the desired colour temperature value. Cool , Normal , Warm and Custom options are available.
White Point	If the Colour Temp option is set as Custom , this setting will be available. Increase the 'warmth' or 'coolness' of the picture by pressing Left or Right buttons.
Picture Zoom	Sets the desired image size format.
Film Mode	Films are recorded at a different number of frames per second to normal television programmes. Turn this feature on when you are watching films to see the fast motion scenes clearly.
Skin Tone	Skin tone can be changed between -5 and 5.
Colour Shift	Adjust the desired colour tone.
HDMI Full Range	While watching from a HDMI source, this feature will be visible. You can use this feature to enhance blackness in the picture.
PC Position	
Autoposition	Automatically optimizes the display. Press OK to optimize.
H Position	This item shifts the image horizontally to the right hand side or left hand side of the screen.
V Position	This item shifts the image vertically towards the top or bottom of the screen.
Dot Clock	Dot Clock adjustments correct the interference that appear as vertical banding in dot intensive presentations like spreadsheets or paragraphs or text in smaller fonts.
Phase	Depending on the input source(computer etc.) you may see a hazy or noisy picture on the screen. You can use phase to get a clearer picture by trial and error.
Reset	Resets the picture settings to factory default settings (except Game mode).
<i>While in VGA (PC) mode, some items in Picture menu will be unavailable. Instead, VGA mode settings will be added to the Picture Settings while in PC mode.</i>	

Sound Menu Contents	
Volume	Adjusts the volume level.
Equalizer	Selects the equalizer mode. Custom settings can be made only when in User mode.
Balance	Adjusts whether the sound comes from the left or right speaker.
Headphone	Sets headphone volume. Please ensure before using headphones that the headphone volume is set to a low level, to prevent damage to your hearing.
Sound Mode	You can select a sound mode (If the viewed channel supports).
AVL (Automatic Volume Limiting)	Sets the sound to obtain fixed output level between programmes.
Headphone/Lineout	When you connect an external amplifier to your TV using the headphone jack, you can select this option as Lineout . If you have connected headphones to the TV, set this option as Headphone . Please ensure before using headphones that this menu item is set to Headphone . If it is set to Lineout , the output from the headphone socket will be set to maximum which could damage your hearing.
Dynamic Bass	Enables or disables the Dynamic Bass.
Surround sound	Surround sound mode can be changed as On or Off .
Digital Out	Sets digital out audio type.

Setup - Settings Menu Contents	
Conditional Access	Controls conditional access modules when available.
Language	You may set a different language depending on the broadcaster and the country.
Parental	Enter correct password to change parental settings. You can easily adjust Menu Lock , Maturity Lock (may not be available depending on the country selection in the First Time Installation) and Child Lock in this menu. You can also set a new pin number using the Set PIN option. <i>Note: Default PIN can be set to 0000 or 1234. If you have defined the PIN(is requested depending on the country selection) during the First Time Installation use the PIN that you have defined.</i>
Timers	Sets sleep timer to turn off the TV after a certain time. Sets timers for selected programmes.
Date/Time	Sets date and time.
Sources	Enables or disables selected source options.
Network Settings	Displays network settings.
Accessibility	Displays accessibility options of the TV.
Hard of Hearing	Enables any special feature sent from the broadcaster.
Audio Description	A narration track will be played for the blind or visually impaired audience. Press OK to see all available Audio Description menu options. This feature is available only if the broadcaster supports it.
More	Displays other setting options of the TV.
Menu Timeout	Changes timeout duration for menu screens.
Blue Background	Activates or deactivates the blue background system when the signal is weak or absent.
Software Upgrade	Ensures that your TV has the latest firmware.
Application Version	Displays current software version.
Subtitle Mode	This option is used to select which subtitle mode will be on the screen (DVB subtitle / Teletext subtitle) if both is available. Default value is DVB subtitle. This feature is available only for the country option of Norway.
Auto TV OFF	Sets the desired time for the TV to automatically go into standby mode when not being operated.
Store Mode	Select this mode for store display purposes. Whilst Store Mode is enabled, some items in the TV menu may not be available.
Power Up Mode	This setting configures the power up mode preference. Last State and Standby options are available.
CEC	With this setting you can enable and disable CEC functionality completely. Press Left or Right button to enable or disable the feature.
CEC Auto Power On	This function allows the connected HDMI-CEC compatible device to turn on the TV and switch to its input source automatically. Press Left or Right button to enable or disable the feature.
Speakers	To hear the TV audio from the connected compatible audio device set as Amplifier . You can use the remote control of the TV to control the volume of the audio device.

Install and Retune Menu Contents

Automatic channel scan (Retune)	Displays automatic tuning options. Digital Aerial: Searches and stores aerial DVB stations. Digital Cable: Searches and stores cable DVB stations. Analogue: Searches and stores analogue stations.
Manual channel scan	This feature can be used for direct broadcast entry.
Network channel scan	Searches for the linked channels in the broadcast system. Digital Aerial: Searches for aerial network channels. Digital Cable: Searches for cable network channels.
Analogue fine tune	You can use this setting for fine tuning analogue channels. This feature is not available if no analogue channels are stored.
Installation Settings	Displays installation settings menu. Standby Search (Optional): Your TV will search for new or missing channels while in standby. Any new found broadcasts will be shown.
Clear Service List	Use this setting to clear channels stored. This setting is visible only when the Country option is set to Denmark, Sweden, Norway or Finland.
Select Active Network	This setting allows you to select only the broadcasts within the selected network to be listed in the channel list. This feature is available only for the country option of Norway.
First time installation	Deletes all stored channels and settings, resets TV to factory settings.

General TV Operation

Using the Channel List

The TV sorts all stored stations in the **Channel List**. You can edit this channel list, set favourites or set active stations to be listed by using the **Channel List** options. Press the **OK/TV** button to open the **Channel List**. You can filter the listed channels by pressing the **Blue** button or open the **Edit Channel List** menu by pressing the **Green** button in order to make advanced changes in the current list.

Managing the Favourite Lists

You can create four different lists of your favourite channels. Enter the **Channel List** in the main menu or press the **Green** button while the **Channel List** is displayed on the screen in order to open the **Edit Channel List** menu. Select the desired channel on the list. You can make multiple choices by pressing the **Yellow** button. Then press the **OK** button to open the **Channel Edit Options** menu and select **Add/Remove Favourites** option. Press the **OK** button again. Set the desired list option to **On**. The selected channel/s will be added to the list. In order to remove a channel or channels from a favourite list follow the same steps and set the desired list option to **Off**.

You can use the **Filter** function in the **Edit Channel List** menu to filter the channels in the **Channel list** permanently according to your preferences. Using this **Filter** option, you can set one of your four favourite lists to be displayed everytime the **Channel list** is opened. The filtering function in the **Channel list** menu will only filter the currently displayed **Channel list** in order to find a channel and tune in to it. This changes will not remain the next time the **Channel list** is opened.

Configuring Parental Settings

The **Parental Settings** menu options can be used to prohibit users from viewing of certain programmes, channels and using of menus. These settings are located in the **Setup>Parental** menu.

To display parental lock menu options, a PIN number should be entered. After coding the correct PIN number, **Parental Settings** menu will be displayed.

Menu Lock: This setting enables or disables access to all menus or installation menus of the TV.

Maturity Lock: If this option is set, TV gets the maturity information from the broadcast and if this maturity level is disabled, disables access to the broadcast.

*Note: If the country option in the **First Time Installation** is set as **France, Italy or Austria**, **Maturity Lock**'s value will be set to 18 as default.*

Child Lock: If this option is set to **ON**, the TV can only be controlled by the remote control. In this case the control buttons on the TV will not work.

Set PIN: Defines a new PIN number.

Default CICAM PIN: This option will appear as greyed out if no CI module is inserted into the CI slot of the TV. You can change the default PIN of the CI CAM using this option.

*Note: Default PIN can be set to **0000** or **1234**. If you have defined the PIN(is requested depending on the country selection) during the **First Time Installation** use the PIN that you have defined.*

*Some options may not be available depending on the country selection in the **First Time Installation**.*

Electronic Programme Guide (EPG)

Some channels send information about their broadcast schedules. Press the **Epg** button to view the **Programme Guide** menu.

There are 3 different types of schedule layouts available, **Timeline Schedule**, **List Schedule** and **Now/Next Schedule**. To switch between them follow the instructions on the bottom of the screen.

Timeline Schedule

Zoom (Yellow button): Press the **Yellow** button to see events in a wider time interval.

Filter (Blue button): Views filtering options.

Event Details (Info button): Displays detailed information about selected programmes.

Select Genre (Subtitles button): Displays **Select Genre** menu. Using this feature, you can search the programme guide database in accordance with the genre. Info available in the programme guide will be searched and results matching your criteria will be highlighted.

Next/Prev Day (Programme +/- buttons): Displays the programmes of previous or next day.

Options (OK button): Displays programme options.

Search (Text button): Displays **Guide Search** menu.

Now (Swap button): Displays current event of the highlighted channel.

List Schedule(*)

() In this layout option, only the events of the highlighted channel will be listed.*

Prev. Time Slice (Red button): Displays the programmes of previous time slice.

Next/Prev Day (Programme +/- buttons): Displays the programmes of previous or next day.

Event Details (Info button): Displays detailed information about selected programmes.

Filter (Text button): Views filtering options.

Next Time Slice (Green button): Displays the programmes of next time slice.

Options (OK button): Displays programme options.

Now/Next Schedule

Navigate (Navigation buttons): Press the **Navigation buttons** to navigate through the channels and programmes.

Options (OK button): Displays programme options.

Event Details (Info button): Displays detailed information about selected programmes.

Filter (Blue button): Views filtering options.

Programme Options

Use the navigation buttons to highlight a programme and press **OK** button to display **Event Options** menu. The following options are available.

Select Channel: Using this option, you can switch to the selected channel.

Set Timer on Event / Delete Timer on Event: After you have selected a programme in the EPG menu, press the **OK** button. Select **Set Timer on Event** option and press the **OK** button. You can set a timer for future programmes. To cancel an already set timer, highlight that programme and press the **OK** button. Then select **Delete Timer on Event** option. The timer will be cancelled.

Notes: You cannot switch to any other channel or source while there is an active timer on the current channel.

It is not possible to set timer for two or more individual events at the same time interval.

Teletext Services

Press the **Text** button to enter. Press again to activate mix mode, which allows you to see the teletext page and the TV broadcast at the same time. Press once more to exit. If available, sections in the teletext pages will become colour-coded and can be selected by pressing the coloured buttons. Follow the instructions displayed on the screen.

Digital Teletext

Press the **Text** button to view digital teletext information. Operate it with the coloured buttons, cursor buttons and the **OK** button. The operation method may differ depending on the contents of the digital teletext. Follow the instructions displayed on the digital teletext screen. When the **Text** button is pressed again, the TV returns to television broadcast.

Software Upgrade

Your TV is capable of finding and updating the firmware automatically via the broadcast signal.

Software upgrade search via user interface

On the main menu select **Setup** and press the **OK** button. **Setup Menu** will be displayed. Then select **More** and press the **OK** button. Navigate to **Software upgrade** and press the **OK** button. In **Upgrade options** menu select **Scan for upgrade** and press **OK** button to check for a new software upgrade.

If a new upgrade is found, it starts to download the upgrade. After the download is completed confirm the question asking about rebooting the TV by pressing the **OK** to continue with the reboot operation.

3 AM search and upgrade mode

Your TV will search for new upgrades at 3:00 o'clock if **Automatic scanning** option in the **Upgrade options**

menu is set to **Enabled** and if the TV is connected to an aerial signal. If a new software is found and downloaded successfully, it will be installed at the next power on.

Note: Do not unplug the power cord while led is blinking during the reboot process. If the TV fails to come on after the upgrade, unplug, wait for two minutes then plug it back in.

Troubleshooting & Tips

Tv will not turn on

Make sure the power cord is plugged in securely to wall outlet. Check if batteries are exhausted. Press the Power button on the TV.

Poor picture

- Check if you have selected the correct TV system.
- Low signal level can cause picture distortion. Please check antenna access.
- Check if you have entered the correct channel frequency if you have done manual tuning.
- The picture quality may degrade when two devices are connected to the TV at the same time. In such a case, disconnect one of the devices.

No picture

- This means your TV is not receiving any transmission. Make sure the correct source has been selected.
- Is the antenna connected properly?
- Is the antenna cable damaged?
- Are suitable plugs used to connect the antenna?
- If you are in doubt, consult your dealer.

No sound

- Check if the TV is muted. Press the **Mute** button or increase the volume to check.
- Sound may be coming from only one speaker. Check the balance settings from **Sound** menu.

Remote control - no operation

- The batteries may be exhausted. Replace the batteries.

Input sources - can not be selected

- If you cannot select an input source, it is possible that no device is connected. If not;
- Check the AV cables and connections if you are trying to switch to the input source dedicated to the connected device.

PC Input Typical Display Modes

The following table is an illustration of some of the typical video display modes. Your TV may not support all resolutions.

Index	Resolution	Frequency
1	640x350	85Hz
2	640x400	70Hz
3	640x480	60Hz
4	640x480	66Hz
5	640x480	72Hz
6	640x480	75Hz
7	640x480	85Hz
8	800x600	56Hz
9	800x600	60Hz
10	800x600	70Hz
11	800x600	72Hz
12	800x600	75Hz
13	800x600	85Hz
14	832x624	75Hz
15	1024x768	60Hz
16	1024x768	66Hz
17	1024x768	70Hz
18	1024x768	72Hz
19	1024x768	75Hz
20	1024x768	85Hz
21	1152x864	60Hz
22	1152x864	70Hz
23	1152x864	75Hz
24	1152x864	85Hz
25	1152x870	75Hz
26	1280x768	60Hz
27	1360x768	60Hz
28	1280x768	75Hz
29	1280x768	85Hz
30	1280x960	60Hz
31	1280x960	75Hz
32	1280x960	85Hz
33	1280x1024	60Hz
34	1280x1024	75Hz
35	1280x1024	85Hz
36	1400x1050	60Hz
37	1400x1050	75Hz
38	1400x1050	85Hz
39	1440x900	60Hz
40	1440x900	75Hz
41	1600x1200	60Hz
42	1680x1050	60Hz
43	1920x1080	60Hz
44	1920x1200	60Hz

AV and HDMI Signal Compatibility

Source	Supported Signals	Available	
EXT (SCART)	PAL	O	
	SECAM	O	
	NTSC4.43	O	
	NTSC3.58	O	
	RGB 50/60		
Side AV	PAL	O	
	SECAM	O	
	NTSC4.43	O	
	NTSC3.58		
	S-VIDEO 50Hz (PAL)		
	S-VIDEO 60Hz (NTSC)		
YPbPr	480i, 480p	60Hz	O
	576i, 576p	50Hz	O
	720p	50Hz,60Hz	O
	1080i	50Hz,60Hz	O
HDMI	480i, 480p	60Hz	O
	576i, 576p	50Hz	O
	720p	50Hz,60Hz	O
	1080i	50Hz,60Hz	O
	1080p	24Hz, 25Hz, 30Hz, 50Hz, 60Hz	O

(X: Not Available, O: Available)

In some cases a signal on the TV may not be displayed properly. The problem may be an inconsistency with standards from the source equipment (DVD, Set-top box, etc.). If you do experience such a problem please contact your dealer and also the manufacturer of the source equipment.

Supported File Formats for USB Mode

Media	Extension	Format	Notes	
Video	.dat, .mpg, .mpeg	Mpeg1-2	1080P@30fps, 50Mbit/sec	
	.ts, .trp, .tp	MPEG2, H.264, VC1, AVS, MVC	H.264:1080Px2@25fps, 1080P@50fps MVC:1080P@ 24fps Other: 1080P@30fps - 50Mbit/sec	
	.vob	MPEG2	1080P@30fps 50Mbit/sec	
	.mkv	MPEG1-2-4, H.264	H.264:1080Px2@25fps, 1080P@ 50fps, 1080P@30fps, 50Mbit/sec	
	.mp4, .mov	MPEG4, XviD, H.264	H.264:1080Px2@25fps, 1080P@ 50fps, 1080P@30fps, 50Mbit/sec	
	.avi	MPEG2-4, Xvid, H.264	H.264:1080Px2@25fps, 1080P@ 50fps, 1080P@30fps, 50Mbit/sec	
	.fla, .flv	H.264, Sorenson H.263	H.264:1080Px2@25fps, 1080P@50fps, 1080P@30fps, 40Mbit/sec	
	.3gp	MPEG4, H.264	1920x1080@30P 20Mbit/sec	
	.asf, .wmv	VC1	1080P@30fps, 50Mbit/sec	
Audio	.mp3	MPEG1/2 Layer 1/2/3 (MP3)	Layer1: 32Kbps ~ 448Kbps (Bit rate) / 16KHz ~ 48KHz (Sampling rate) Layer2: 8Kbps ~ 384Kbps (Bit rate) / 16KHz ~ 48KHz (Sampling rate) Layer3: 8Kbps ~ 320Kbps (Bit rate) / 16KHz ~ 48KHz (Sampling rate)	
	.wav	LPCM		
	.WMA/ ASF	WMA, WMA Pro	WMA: 128bps ~ 320Kbps (Bit rate) / 8KHz ~ 48KHz (Sampling rate) WMA Pro: < 768kbps (Bit rate) / ~ 96KHz (Sampling rate)	
	.m4a/ .aac	AAC, HEAAC	Free Format (Bit rate) / 8KHz ~ 48KHz (Sampling rate)	
	.pcm	PCM	8Kbps ~ 320Kbps (Bit rate) / 16KHz ~ 48KHz (Sampling rate)	
	(works only with video files)	AC3		32Kbps ~ 640Kbps (Bit rate) / 32KHz, 44.1KHz, 48KHz (Sampling rate)
		EAC3		32Kbps ~ 6 Mbps (Bit rate) / 32KHz, 44.1KHz, 48KHz (Sampling rate)
		LPCM		64Kbps ~ 1.5Mbps (Bit rate) / 8KHz ~ 48KHz (Sampling rate)
IMA-ADPCM/ MS-ADPCM			384Kbps (Bit rate) / 8KHz ~ 48KHz (Sampling rate)	
	G711 A/mu-law		64~128Kbps (Bit rate) / 8KHz (Sampling rate)	
Picture	.jpeg, .jpg	Baseline	Resolution(WxH): 15360x8640, 4147200 bytes	
		Progressive	Resolution(WxH): 1024x768, 6291456 bytes	
	.png	non-interlace	Resolution(WxH): 9600x6400, 3840000 bytes	
		interlace	Resolution(WxH): 1200x800, 3840000 bytes	
	.bmp		Resolution(WxH): 9600x6400, 3840000 bytes	
Subtitle	.sub	-	Sub1, Sub2, Sub3	
	.srt	-		

Supported DVI Resolutions

When connecting devices to your TV's connectors by using DVI converter cable(DVI to HDMI cable - not supplied), you can refer to the following resolution information.

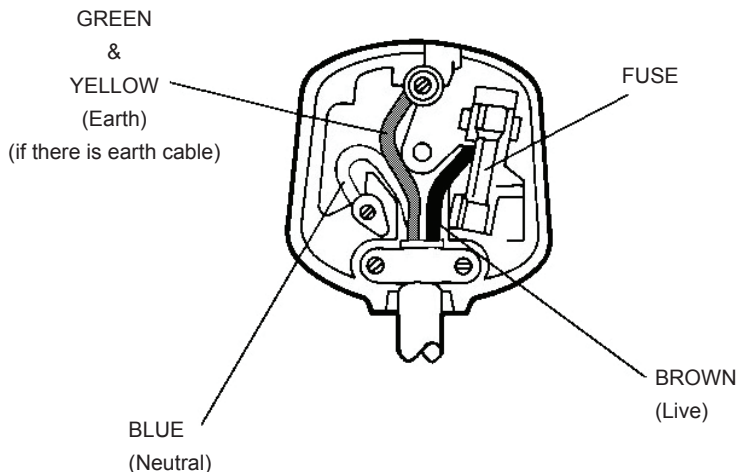
	56Hz	60Hz	66Hz	70Hz	72Hz	75Hz
640x400				<input checked="" type="checkbox"/>		
640x480		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
800x600	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
832x624						<input checked="" type="checkbox"/>
1024x768		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1152x864		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
1152x870						<input checked="" type="checkbox"/>
1280x768		<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>
1360x768		<input checked="" type="checkbox"/>				
1280x960		<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>
1280x1024		<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>
1400x1050		<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>
1440x900		<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>
1600x1200		<input checked="" type="checkbox"/>				
1680x1050		<input checked="" type="checkbox"/>				
1920x1080		<input checked="" type="checkbox"/>				
1920x1200		<input checked="" type="checkbox"/>				

Important Instruction

For your own safety read following instruction carefully before attempting to connect this unit to the mains supply.

MAINS (AC) OPERATION

The wires in the mains lead are coloured in accordance with the following code :



IMPORTANT

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 green and yellow must be connected to the terminal which is marked with the letter E, or by the earth symbol, or coloured green or green and yellow.

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

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

For continued protection against risk of fire, replace only with same type and rating of fuse (ASTA approved 5A 250VAC fuse).

CAUTION

TO PREVENT ELECTRIC SHOCK DISCONNECT FROM THE MAINS BEFORE REMOVING COVER. NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

SAFETY PRECAUTION

THIS EQUIPMENT MUST BE DISCONNECTED FROM THE MAINS WHEN NOT IN USE. DO NOT ALLOW THIS UNIT TO BE EXPOSED TO RAIN OR MOISTURE.

A Product fiche

B Supplier	Panasonic Corporation
C Model ID	TX-32C300B
D Energy efficiency class	A+
E Visible screen size (diagonal)	80 cm / 32 inches
F On mode average power consumption	31 W
G Annual energy consumption *1	45 kWh
H Standby power consumption *2	<0,5 W
I Off mode power consumption	NA
J Screen resolution	1366 x 768

K *1: Energy consumption XYZ kWh per year, based on the power consumption of the television operating 4 hours per day for 365 days.

The actual energy consumption will depend on how the television is used.

L *2: when the TV is turned off with the remote control and no function is active.

M For the information of rated power consumption, refer to the label on the TV back cover.

Deutsch	A Produktdatenblatt G Modellkennung B Lieferanten D Energieeffizienzklasse C Sichtbare Bildschirmdiagonalen E Leistungsaufnahme im Ein-Zustand F Leistungsaufnahme im Aus-Zustand K Energieverbrauch XYZ kWh/Jahr, auf der Grundlage eines täglich viertägigen Betriebs, des Fernsehgerätes an 365 Tagen. Der tatsächliche Energieverbrauch hängt von der Art der Nutzung des Fernsehgerätes ab. M Wenn der Fernseher mit der Fernbedienung ausgeschaltet wird und keine Funktion aktiviert ist N Weitere Informationen zur Nennleistungsaufnahme siehe Aufkleber auf der hinteren Abdeckung des Fernsehers.	G Jährlicher Energieverbrauch H Leistungsaufnahme im Bereitschafts-Zustand I Leistungsaufnahme im Aus-Zustand J Bildschirmauflösung L Energieverbrauch XYZ kWh/Jahr, auf der Grundlage eines täglich viertägigen Betriebs, des Fernsehgerätes an 365 Tagen. Der tatsächliche Energieverbrauch hängt von der Art der Nutzung des Fernsehgerätes ab. M Wenn der Fernseher mit der Fernbedienung ausgeschaltet wird und keine Funktion aktiviert ist N Weitere Informationen zur Nennleistungsaufnahme siehe Aufkleber auf der hinteren Abdeckung des Fernsehers.
Nederlands	A Productkaart G Typeaanduiding B Leverancier D Energie-efficiëntieklasse C Zichtbare schermdiagonaal E Elektricitetsverbruik in de slaapstand F Elektricitetsverbruik in de gebruikstand K Energieverbruik XYZ kWh per jaar, gebaseerd op het elektriciteitsverbruik van de televisie waarmee deze goedurende 365 dagen 4 uur per dag aanstaat. Het feitelijk elektriciteitsverbruik is afhankelijk van de manier waarop de televisie wordt gebruikt. M Raadpleeg het etiket aan de achterkant van de tv voor informatie over het nominale elektriciteitsverbruik.	G Jaarlijks energieverbruik H Elektriciteitsverbruik in de slaapstand I Elektriciteitsverbruik in de uitstand J Schermresolutie L Als de tv is uitgeschakeld met de afstandsbediening en er geen functies actief zijn M Raadpleeg het etiket aan de achterkant van de tv voor informatie over het nominale elektriciteitsverbruik.
Italiano	A Scheda prodotto G Identificatore del modello B Fornitore D Classe di efficienza energetica C Diagonale dello schermo visibile E Consumo di energia in modo acceso F Consumo di energia in modo spento K Consumo di energia XYZ kWh/anno, calcolato sulla base del consumo di un televisore in funzione per 4 ore al giorno per 365 giorni. Il consumo effettivo di energia dipende dall'utilizzo reale del televisore. L Quando il televisore viene spento con il telecomando e non sono attive funzioni M Per le informazioni sul consumo di energia nominale, fare riferimento all'etichetta sul coperchio posteriore del televisore.	G Consumo annuo di energia H Consumo di energia in modo stand-by I Consumo di energia in modo spento J Risoluzione dello schermo L Risoluzione del televisore in funzione per 4 ore al giorno per 365 giorni. Il consumo effettivo di energia dipende dall'utilizzo reale del televisore. M Per le informazioni sul consumo di energia nominale, fare riferimento all'etichetta sul coperchio posteriore del televisore.
Français	A Fiche produit G Référence du modèle B Fournisseur D Classe d'efficacité énergétique C Diagonale d'écran visible E Consommation d'énergie en mode marche F Consommation d'énergie en mode arrêt K Consommation d'énergie de "XYZ" kWh par an, sur la base de la consommation d'un téléviseur fonctionnant quatre heures par jour pendant trois cent soixante-cinq jours. La consommation réelle dépend des conditions d'utilisation du téléviseur. L Lorsque le téléviseur est éteint à l'aide de la télécommande et qu'aucune fonction n'est active. M La consommation nominale est indiquée sur l'étiquette apposée sur la partie arrière du téléviseur.	G Consommation d'énergie annuelle H Consommation électrique en mode veille I Consommation électrique en mode arrêt J Résolution de l'écran L Résolution de téléviseur en fonction de "XYZ" kWh par an, sur la base de la consommation d'un téléviseur fonctionnant quatre heures par jour pendant trois cent soixante-cinq jours. La consommation réelle dépend des conditions d'utilisation du téléviseur. M Lorsque le téléviseur est éteint à l'aide de la télécommande et qu'aucune fonction n'est active.
Lietuvių k.	A Gaminio kortelė G Modelio identifikatorius B Tieklejas D Modelio efektyvumo klasė C Matoma ekrano įstrižainė E Energijos sunaudojimas įjungus gaminį F Energijos sunaudojimas išjungus gaminį K XYZ kWh energijos sunaudojimas per metus nurodomas atsižvelgus į tai, kiek energijos sunaudojama televizoriui veikiant 4 valandas per dieną 365 dienas iš eilės. Faktinį energijos sunaudojimą lemia tai, kiek laiko bus naudojamas televizorius. L Įjungus televizorių nuotoliniu valdymu įrenginiu, kai neveikia jokia funkcija M Informacija apie vardinį energijos suvartojimą, žr. etiketėlę ant televizoriaus galinio gaubto.	G Metinis energijos sunaudojimas H Energijos sunaudojimas budėjimo režimu I Energijos sunaudojimas išjungus gaminį J Ekrano skiriamoji geba L Energijos sunaudojimas per metus nurodomas atsižvelgus į tai, kiek energijos sunaudojama televizoriui veikiant 4 valandas per dieną 365 dienas iš eilės. Faktinį energijos sunaudojimą lemia tai, kiek laiko bus naudojamas televizorius. M Informacija apie vardinį energijos suvartojimą, žr. etiketėlę ant televizoriaus galinio gaubto.
Português	A Ficha de produto G Identificador de modelo B Fornecedor D Classe de eficiência energética C Diagonal visível do ecrã E Consumo em termos de potência, no estado activo F Consumo em termos de potência, no estado activo K Consumo de energia de XYZ kWh por ano, baseado no consumo, do televisor, em funcionamento durante 365 dias. O consumo de energia real dependerá do modo como o televisor é utilizado. L Quando o televisor é desligado com o telecomando e quando não está activada qualquer função M Para obter informações sobre o consumo de potência nominal, consulte a etiqueta na tampa traseira do televisor.	G Consumo de energia anual H Consumo em termos de potência, em estado de vigília I Consumo em termos de potência, em estado de desactivação J Resolução do ecrã L Consumo de energia de XYZ kWh por ano, baseado no consumo, do televisor, em funcionamento durante 365 dias. O consumo de energia real dependerá do modo como o televisor é utilizado. M Para obter informações sobre o consumo de potência nominal, consulte a etiqueta na tampa traseira do televisor.

Español	A Ficha de producto G Identificador del modelo B Proveedor D Clase de eficiencia energética C Diagonal visible de la pantalla E Consumo de electricidad en modo apagado F Consumo de electricidad en modo activo K Consumo de energía: XYZ kWh al año, suponiendo cuatro horas de funcionamiento diario durante 365 días. El consumo efectivo dependerá de las condiciones reales de uso de la televisión. M cuando el TV se apaga con el mando a distancia y no existe ninguna función activa N Para información sobre el consumo de potencia nominal consulte la etiqueta en la cubierta trasera del televisor.	G Consumo de energía anual H Consumo de electricidad en espera I Consumo de electricidad en modo apagado J Resolución de la pantalla L Consumo de energía: XYZ kWh al año, suponiendo cuatro horas de funcionamiento diario durante 365 días. El consumo efectivo dependerá de las condiciones reales de uso de la televisión. M cuando el TV se apaga con el mando a distancia y no existe ninguna función activa N Para información sobre el consumo de potencia nominal consulte la etiqueta en la cubierta trasera del televisor.
Svenska	A Informationsblad G Modellbeteckning B Leverantör D Energieeffektivitetsklass C Synlig skärm-diagonal E Effektförbrukning i påläge F Effektförbrukning i släpläge K Skärmupplösning L när TV:n är avslagen via fjärrkontrollen och ingen funktion är aktiv M För information om nominell effektförbrukning, se etiketten på TV:s baksida.	G Arligt energiförbrukning H Effektförbrukning i standbyläge I Effektförbrukning i frisläge J Skärmupplösning L när TV:n är avslagen via fjärrkontrollen och ingen funktion är aktiv M För information om nominell effektförbrukning, se etiketten på TV:s baksida.
Norsk	A Produktinfo G Modell-ID B Leverandør D Energieffektivitetsklasse C Synlig skjerm-diagonal E Strømførbruk i på-modus F Strømførbruk i på-modus K Energiforbruk XYZ kWh per år, basert på bruk av TV-en for 4 timer per dag for 365 dager. Det faktiske energiforbruket vil være avhengig av hvordan TV-en brukes. L når TV-en er skrudd av med fjernkontrollen og ingen funksjon er aktiv M For informasjon om nominell effekt, se etiketten på TV-bakdekselet.	G Arligt energiförbrukning H Strømførbruk i stand-by I Strømførbruk i off-modus J Skjermoppløsning L når TV-en er skrudd av med fjernkontrollen og ingen funksjon er aktiv M For informasjon om nominell effekt, se etiketten på TV-bakdekselet.
Suomi	A Tuoteseloste G Mallitunniste B Tavarantimittaja D Energitehokkuusluokka C Näkyvästi olevan kuvapinnan lävistäjä E Tehonkulutus päällä-tykytetään -tilassa F Tehonkulutus päällä-tykytetään -tilassa K Energiankulutus XYZ kWh:aa vuodessa, kun oletetaan, että televisiota käytetään 4 tuntia päivässä 365 päivän ajan. Todellinen energiankulutus riippuu televisioon käytötaravasta. L Kun TV on sammutettu kauko-ohjaimella ja mikään toiminto ei ole käytössä M Tietoja nimellisestä virrankulutuksesta on kyltissä televisioon takakannessa.	G Vuotuinen energiankulutus H Valmiustilan energiankulutus I Tehonkulutus pois päältä -tilassa J Kuvakuuden resoluutio L Kun TV on sammutettu kauko-ohjaimella ja mikään toiminto ei ole käytössä M Tietoja nimellisestä virrankulutuksesta on kyltissä televisioon takakannessa.
Magyar	A Termékinformáció adatlap G Típusazonosító B Beszállító D Energiahatékonysági osztály C Látható képfelbontás nagysága E Bekapcsolt üzemi módombeli energiaszükséglet F A televíziókészülék napi 4 órás üzemi mellett az évi 365 napjára vetítve energia-energiát fogyaszt. A tényleges energiaszükséglet a készülék üzemeltetési módjától függ. K Amikor a TV-t a távirányítótól kapcsoljuk ki, és nincs aktív funkció L További információért a névelges energiaszükséglettel kapcsolatban olvassa a TV hátulő burkolatán található címkét. M Információt list-vyrbűkű G Identifikációs száma a modell H Rőcni sportbűkű elektricicűk energié I Dodaatel D Trida energicicűk űcinnosti J Trida energicicűk űcinnosti K Szportbűkű elektricicűk energié v zapnutim stavu L Szportbűkű elektricicűk energié v zapnutim stavu M Információ a TV-ről a távirányítótól kapcsoljuk ki, és nincs aktív funkció	G Éves energiaszükséglet H Készenléti üzemi módombeli energiaszükséglet I Kikapcsolt üzemi módombeli energiaszükséglet J Képernyőfelbontás L Amikor a TV-t a távirányítótól kapcsoljuk ki, és nincs aktív funkció M További információért a névelges energiaszükséglettel kapcsolatban olvassa a TV hátulő burkolatán található címkét.
Cesky	A Informační list výrobku G Identifikační značka modelu B Dodavatel D Trída energetické účinnosti C Viditelná úhlopříčka obrazovky E Spotřeba elektrické energie v zapnutém stavu F Spotřeba elektrické energie v zapnutém stavu K Spotřeba elektrické energie XYZ kWh za rok vzhledně ke spotřebě elektrické energie televizoru při běžném provozu 4 hodiny denně po dobu 365 dní. Skutečná spotřeba elektrické energie závisí na způsobu použití televizoru a jeho nastavení. L Když je televizor vypnutý dálkovým ovladačem a není aktivní žádná funkce. M Informace o jmenovitém příkonu najdete na štítku na zadním krytu televizoru.	G Roční spotřeba elektrické energie H Spotřeba elektrické energie v pohotovostním režimu I Spotřeba elektrické energie v vypnutém stavu J Rozlišení obrazovky L Když je televizor vypnutý dálkovým ovladačem a není aktivní žádná funkce. M Informace o jmenovitém příkonu najdete na štítku na zadním krytu televizoru.



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