Panasonic®

OPERATING INSTRUCTIONS

TX-50A300B

COLOUR TELEVISION WITH REMOTE CONTROL

Contents

⚠ 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.

To operate your TV in extreme ambient conditions may cause damage of the device.

If there is lightning or storms, or if the TV is not going to be used for a while (e.g. if going away 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.

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

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 place. Do not expose the TV to liquids. If any liquid falls into the cabinet unplug the TV and have it checked by qualified personnel before operating it any further.
• **Do not** expose the TV to direct sunlight or other heat sources.

• The TV should not be placed near to open flames or sources of intense heat such as an electric heater.
• Battery pack or batteries installed shall not be exposed to excessive heat such as sunshine, fire or the like.
• Excessive sound pressure from earphones and headphones can cause hearing loss.
• Ensure that no open flame sources, such as lit candles, are placed on top of the TV.
• To prevent injury, this TV must be securely attached to the wall in accordance with the installation 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 socket outlet.

Display panel, Cabinet, Pedestal

Regular care:

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

For stubborn dirt:

(1) First clean the dust on the surface.

(2) Dampen a soft cloth with clean water or diluted neutral detergent (1 part detergent to 100 parts water).

(3) Wring the cloth firmly. (Please note that liquids should not enter inside the TV. May lead to product failure.)

(4) 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.

Getting Started

Environmental Information

This television is designed to consume less energy to help save the environment. To reduce energy consumption, you should take the following steps:

You can use the Power Save Mode setting, located in the Picture menu. If you set the Power Save Mode as **Eco**, the TV will switch to energy-saving mode and the luminance level of TV set will be decreased to the optimum level. Note that some picture settings will be unavailable to be changed when the TV is in Power Save Mode.

If pressed Right button, "**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. If you disable **Power Save Mode**, picture mode will be automatically set to **Dynamic**.

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

Standby Notifications

1) If the TV does not receive any input signal (e.g. from an aerial or HDMI source) for 5 minutes, the TV 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.

2) If the TV has been left on and not been operated for a while, the TV 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.

Features

- Remote controlled colour LCD TV.
- Fully integrated digital terrestrial/cable TV (DVB-T-T2/C).
- HDMI inputs are for connecting a device that has a HDMI socket.
- USB input.
- OSD menu system.
- Scart socket for external devices (such as DVD Players, 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.
- Plug&Play for Windows 98, ME, 2000, XP, Vista, Windows 7.
- Game Mode (Optional).
- Ethernet (LAN)

Accessories Included

- Remote Control
- Batteries: 2 x AAA
- Instruction Book
- YPbPr Connection Cable
- Side AV Connection Cable

TV Control Switch & Operation
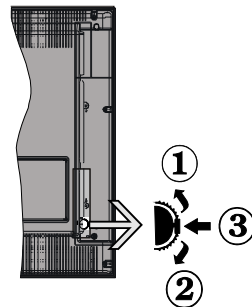
1. Up direction

2. Down direction

3. Programme/Volume / AV / Standby-On selection 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 channel information banner will appear on screen. Scroll through the stored channels by pushing the button up or down

To change source: Press the middle of the button twice, the source list will appear on 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.

Operation with the Remote Control

Press the **MENU** button on your remote control to display the main menu screen. Use the "◄" or "►" buttons to select a menu tab and press the **OK** button to select option. Use the "◄" or "►" or "▼" or "▲" buttons to select or set an item. Press **BACK/ RETURN**, **EXIT** 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 **AV** button on your remote control consecutively to select the different inputs.

Changing Channels and Volume

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

Inserting the Batteries into the Remote

Lift the cover on the back of the remote upward gently. Install two **AAA** batteries. Make sure to match the + and - ends of the batteries in the battery compartment (observe the correct polarity) Replace the cover.
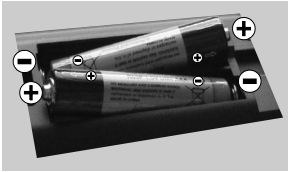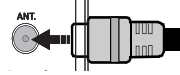

Connect Power

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 AERIAL INPUT (ANT) socket located on the back of the TV.

Notification

Manufactured under license from Dolby Laboratories.

TRADEMARK ACKNOWLEDGMENT

"Dolby" and the double-D symbol are trademarks of Dolby Laboratories.

"HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC."

Information for Users on Disposal of Old Equipment and Batteries

[European Union only]

These symbols indicate that equipment with these symbols should not be disposed of as general household waste. If you want to dispose of the product or battery, please consider the collection systems or facilities for appropriate recycling.

Notice: *The sign Pb below the symbol for batteries indicates that this battery contains lead.*
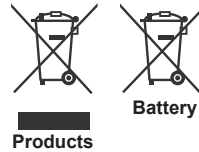
Products   **Battery**

CE

Sales and Support Information

Customer Communication Centre

• For customers within the UK: 0844 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 Comminications 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 detailes.

Specification	
TV Broadcasting	PAL B/G D/K K I/I'
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	3.5mm mini stereo jack
Audio Output Power (WRMS.) (10% THD)	2x8 W
Power Consumption	100W
Weight	13,5 kg
TV Dimensions DxLxH (with foot)	220 x 1134 x 705mm
TV Dimensions DxLxH (without foot)	80 x 1134 x 666mm
Display	16/9 50"
Operation temperature and operation humidity	0ºC up to 40ºC, 85% humidity max

Getting Started

Remote Control
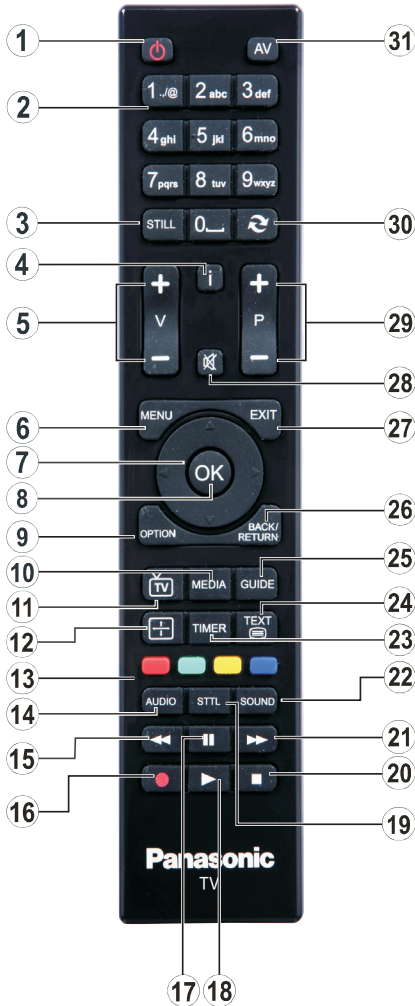
1. Standby / On
2. Numeric buttons
3. Freeze Image / Hold (in TXT mode)
4. Info / Reveal (in TXT mode)
5. Volume Increase / Decrease
6. Menu On / Off
7. Navigation buttons
8. Select / Confirm
9. Option Menu On / Off
10. Media Browser
11. TV Source / Channel list
12. Change Aspect Ratio
13. Coloured buttons (Red, Green, Yellow, Blue)
14. Mono- Stereo Dual I-II / Audio-Subtitle Language
15. Fast Rewind (in media browser mode)
16. No function
17. Pause (in Media Browser mode)
18. Play (in media browser mode)
19. Subtitle On / Off (where available)
20. Stop (in media browser mode)
21. Fast Forward (in Media Browser mode)
22. Change equalizer mode
23. Set auto TV off timer
24. Teletext - Mix
25. Electronic Programme Guide
26. Return / Back / Index page (in TXT mode)
27. Exit
28. Mute
29. Programme Up / Down
30. Previous programme / Previous source
31. Inputs

Teletext
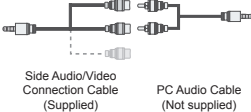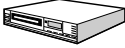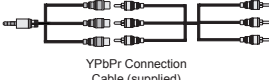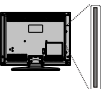
Press "**TEXT** - 🗐" button to enter. Press again to activate mix mode. Press once more to exit. Follow the instructions displayed on digital teletext screen.

Digital Teletext

Press "**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 "**TXT** - 🗐" button is pressed again, the TV returns to television broadcast.

Getting Started

Connections

Connector	Type	Cables	Device	
	Scart Connection (back)			*NOTE: When connecting a device via the YPbPr or Side AV input, you must use connection cables to enable connection. See the illustrations on the left side.	To enable PC audio, you will need to connect an AUDIO cable to the side audio inputs.	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 (optional), 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.	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.*
	VGA Connection (back)			
SIDE AV	**PC/YPbPr Audio Connection (side)**	Side Audio/Video Connection Cable (Supplied) PC Audio Cable (Not supplied)		
	HDMI Connection (back)			
SPDIF	**SPDIFF (Coaxial Out) Connection (back)**			
YPBPR	**YPbPr Video Connection (side)**	YPbPr Connection Cable (supplied)		
SIDE AV	**Side AV (Audio/Video) Connection (side)**	AV Connection Cable (supplied)		
HEADPHONE	**Headphone Connection (side)**			
USB	**USB Connection (side)**	◀◀◀		
	CI Connection (side)	◀◀◀	CAM module	

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.

Getting Started

Switching On/Off

To Switch the TV On

Connect the power cord to the 220-240V AC, 50 Hz.

To switch on the TV from standby mode either:

Press the "⏻" button, **P+** / **P-** or a numeric button on the remote control.

Press the side function switch until the TV comes on from standby.

To Switch the TV Off

Press the "⏻" button on the remote control or press the side function switch 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 to 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 and when finished, press **OK** to continue.

*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.*

You can activate **Store Mode** option at this point. This option is intended only for store use. It is recommended to select **Home Mode** for home use. If **Store Mode** is selected, a confirmation screen will be displayed. Select **YES** to proceed. This option will be available in **Other Settings** menu and can be turned off/on later.

If **Home Mode** is selected, **Store Mode** will not be available after the **First Time Installation**. Press **OK** button to continue.

Aerial Installation

If you select **Aerial** option from the search type selection screen, the television will search for digital terrestrial TV broadcasts. After all the available stations are stored, the Channel List will be displayed on the screen.

While the search continues a message will 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 sequence (if available).

Press **MENU** button to quit channel list and watch TV.

Cable Installation

If you select **Cable** option and press **OK** button on the remote control a confirmation screen will be displayed. Select **YES** and press **OK** to proceed. To cancel operation, select **NO** and press **OK**. You can select frequency ranges from next screen. Enter the frequency range manually by using the numeric buttons. When finished, press **OK** button to start automatic search.

Note: Searching duration will change depending on the selected search step.

Media Playback via USB Input

You can connect a 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 your files before making any connections to the TV. The 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 a USB hard disk that has 1TB (Tera Byte) or more file capacity, you can experience problems with the formatting process.

Quickly plugging and unplugging USB devices, is a very hazardous operation. This may cause physical damage to the USB player and the USB device itself. Do not pull out the USB module 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.

Media Player 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 Player** preferences by using the **Setup** menu.

Loop/Shuffle Mode Operation	
Start playback with ▶ and activate 🔁	**TV plays next file and loop the list.**
Start playback with OK and activate 🔁	**The same file will be played in a loop (repeat).**
Start playback with OK/▶ and activate 🔀	**The file will be played in a shuffle.**

Option Menu

The Option Setup menu allows you to access some options quickly. This menu includes **Power Save Mode, Picture Mode, Equalizer Settings, Favourites, Off Timer** options. Press **OPTION** button on the remote control to view the option menu. See the following chapters for details of the listed features.

TV Menu Features and Functions	
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	Sets the lightness and darkness values of the screen.
Brightness	Sets the brightness value for the screen.
Sharpness	Sets the sharpness value for the objects displayed on the screen.
Colour	Sets the colour value, adjusting the colors.
Power Save Mode	To set the Power Save Mode as Eco, Picture Off and Disabled. (When the Mode is Dynamic, Power Save mode is automatically set as disabled.)
Backlight (Optional)	This setting controls the backlight level. The backlight function will be inactive if the Power Save Mode is set to Eco. The backlight cannot be activated in VGA, Media Browser mode or while the picture mode is set to Game.
Noise Reduction	If the broadcast signal is weak and the picture is noisy, use the **Noise Reduction** setting to reduce the amount of noise.
Advanced Settings	
Dynamic Contrast	You can change the Dynamic Contrast ratio to desired value.
Colour Temp	Sets the desired colour tone.
Picture Zoom	Sets the desired picture size from picture zoom menu. *Note: Auto (Only available in Scart mode with SCART PIN8 high voltage/low voltage switching)*
HDMI True Black	While watching from HDMI source, this feature will be visible in the Picture Settings menu. You can use this feature to enhance blackness in the picture.
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.
RGB Gain	You can configure the colour temperature values using the RGB Gain feature.
Reset	Resets the picture settings to factory default settings.(Except Game Mode)
Autoposition (in PC mode)	Automatically optimizes the display. Press OK to optimize.
H Position (in PC mode)	This item shifts the image horizontally to the right hand side or left hand side of the screen.
V Position (in PC mode)	This item shifts the image vertically towards the top or bottom of the screen.
Dot Clock (in PC mode)	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 (in PC mode)	Depending on the resolution and scan frequency that you input to the TV set, you may see a hazy or noisy picture on the screen. In such a case you can use this item to get a clear picture by trial and error method.
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.	

Sound Menu Contents	
Volume	Adjusts the volume level.
Equalizer	Selects the equalizer mode. Custom settings can be made only when in user mode.
Balance	This setting is used for emphasizing left or right speaker balance.
Headphone	Sets headphone volume. Please ensure before using headphones that this menu item is set to Headphones. If it is set to Line Output, The output from the headphone socket will be set to maximum which could damage your hearing. Also 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 selected channel supports).
AVL (Automatic Volume Limiting)	Function 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.
Dynamic Bass	Enables or disables the Dynamic Bass.
Surround Sound (Optional)	Surround sound mode can be changed as On or Off.
Digital Out	Sets digital out audio type.
Setup Menu Contents	
Conditional Access	Controls conditional access modules when available.
Language	Configures language settings (may change depending on the country selected) Preferred and current settings will be available. Current settings can be changed only if the broadcaster supports.
Parental	Enter correct password to change parental settings. You can easily adjust menu lock, maturity lock(may change depending on the country selected) and child lock in this menu. You can also set new pin number. *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.*
Timers	Sets off 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.
IP Settings	**IP Settings:** Displays IP Settings screen. Using IP Settings window you can set IP address and DNS servers of the TV set.

Other Settings: Displays other setting options of the TV set:	
Menu Timeout	Changes timeout duration for menu screens.
Scan Encrypted Channels	When this setting is on, the search process will locate the encrypted channels as well.
Blue Background	Activates or deactivates the blue background system when the signal is weak or absent.
Software Upgrade	To ensure that your TV always has the most up to date firmware.
Application Version	Displays application version.
Hard of Hearing	Enables any special feature sent from the broadcaster.
Audio Description	Audio description refers to an additional narration track for blind and visually impaired viewers of visual media, including television and movies. You can use this feature, only if the broadcaster supports that additional narration track.
Auto TV Off	You can set the timeout value of auto off feature. When the timeout value is reached and the TV has not been operated for a selected time, the TV will go into standby mode.
Standby Search (Optional)	If the Standby Search is set to On, when the TV is in standby mode, available broadcasts will be searched. If the TV locates any new or missing broadcasts, a menu screen will be displayed, asking you whether or not to execute these changes. The Channel list will be updated and changed after this process.
Store Mode	If you are displaying the TV in a store, you can activate this mode. Whilst Store Mode is enabled, some items in the TV menu may not be available.
Power Up Mode	This setting confrigures the power up mode preference.
Install and Retune Menu Contents	
Automatic Channel Scan (Retune) **(If available)**	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. Digital Aerial & Analogue: Searches and stores aerial DVB and analogue stations. Digital Cable & Analogue: Searches and stores cable DVB and 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.
Analogue Fine Tune	You can use this setting for fine tuning analogue channels. This feature is not available if no analogue channels are stored.
First Time Installation	Deletes all stored channels and settings, resets TV to factory settings.
Clear Service List	(*) This setting is visible only when the Country option is set to Denmark, Sweden, Norway or Finland. Use this setting to clear channels stored.

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.

Configuring Parental Settings

To prohibit viewing of certain programmes, channels and menus can be locked by using the parental control system.

To display parental lock menu options, the PIN number should be entered. After coding the correct PIN number, parental settings menu will be displayed.

Menu Lock: Menu lock setting enables or disables the menu access.

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

Child Lock: When Child Lock is set, the TV can only be controlled by the remote control. In this case the control panel buttons will not work.

Set PIN: Defines a new PIN number.

*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.*

Electronic Programme Guide (EPG)

Some, but not all channels send information about the current and next programmes. Press the **GUIDE** button to view the EPG menu.

Red button (Prev Day): Displays the programmes of previous day.

Green button (Next day): Displays the programmes of the next day.

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

Blue button (Filter): Views filtering options.

SUBT.: Press Subtitles button to view 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.

Info button: Displays detailed information about selected programmes.

Numeric Buttons (Jump): Jumps to the preferred channel directly via numeric buttons.

OK: Displays programme options.

Text button (Search): Displays Guide Search menu.

Swap(Now): Displays current event of the

highlighted channel.

Programme Options

In **EPG** menu, press the **OK** button to enter the *Event Options* menu.

Select Channel

In **EPG** menu, using this option, you can switch to the selected channel.

Set Timer / Delete Timer

After you have selected a programme in the **EPG** menu, press the **OK** button. Select the **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**" option. The timer will be cancelled.

Software Upgrade

Your TV is capable of finding and updating automatically via the Aerial/Cable signal.

Software upgrade search via user interface

Simply navigate on your main menu. Choose **Setup** and select **Other Settings** menu. In **Other Settings** menu navigate on to the **Software for Upgrade** item and press **OK** button to check for a new software upgrade.

If a new upgrade is found, it starts to download the upgrade. Press **OK** to continue with the reboot operation.

3 AM search and upgrade mode

While the TV is connected to an aerial signal. If Automatic scanning in the Upgrade Options menu is enabled, the TV wakes up at 03:00 and searches broadcast channels for new software upgrades. If new software is found and downloaded successfully, the next time the TV powers up , it will have the new software version.

Note: If the TV fails to come on after the upgrade unplug the TV for 2 minutes and plug in again.

Troubleshooting & Tips

Tv will not turn on

Make sure the power cord is plugged in securely to wall outlet. The batteries in the remote control may be exhausted. Press the Power button on the TV.

Poor picture

• Have you 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

• No Picture means that your TV is not receiving a transmission. Have you selected the correct button on the remote control? Try once more. Also make sure the correct input 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

• Has the TV been set to mute? To cancel mute, press the "⊠" button, or increase the volume level.

• Sound is coming from only one speaker. Is the balance set to one extreme? See Sound Menu section.

Remote control - does not operate

• The batteries may be exhausted. Replace the bateries.

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 have tried to connect a 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	640x400	85Hz
4	640x480	60Hz
5	640x480	66Hz
6	640x480	72Hz
7	640x480	75Hz
8	640x480	85Hz
9	800x600	56Hz
10	800x600	60Hz
11	800x600	70Hz
12	800x600	72Hz
13	800x600	75Hz
14	800x600	85Hz
15	832x624	75Hz
16	1024x768	60Hz
17	1024x768	66Hz
18	1024x768	70Hz
19	1024x768	72Hz
20	1024x768	75Hz
21	1024x768	85Hz
22	1152x864	60Hz
23	1152x864	70Hz
24	1152x864	75Hz
25	1152x864	85Hz
26	1152x870	75Hz
27	1280x768	60Hz
28	1360x768	60Hz
29	1280x768	75Hz
30	1280x768	85Hz
31	1280x960	60Hz
32	1280x960	75Hz
33	1280x960	85Hz
34	1280x1024	60Hz
35	1280x1024	75Hz
36	1280x1024	85Hz
37	1400x1050	60Hz
38	1400x1050	75Hz
39	1400x1050	85Hz
40	1440x900	60Hz
41	1440x900	75Hz
42	1600x1200	60Hz
43	1680x1050	60Hz
44	1920x1080	60Hz
45	1920x1200	60Hz

AV and HDMI Signal Compatibility

Source	Supported Signals		Available
EXT (SCART)	PAL		O
	NTSC 60		O
	RGB 50/60		O
	SECAM		O
Side AV	PAL 50/60		O
	NTSC 60		O
	SECAM		
YPbPr	480I, 480P	60Hz	O
	576I, 576P	50Hz	O
	720P	50Hz,60Hz	O
	1080I	50Hz,60Hz	O
HDMI1 HDMI2	480I	60Hz	O
	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 LCD 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, .m2ts	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	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	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				☑		
640x480		☑	☑		☑	☑
800x600	☑	☑		☑	☑	☑
832x624						☑
1024x768		☑	☑	☑	☑	☑
1152x864		☑		☑		☑
1152x870						☑
1280x768		☑				☑
1360x768		☑				
1280x960		☑				☑
1280x1024		☑				☑
1400x1050		☑				☑
1440x900		☑				☑
1600x1200		☑				
1680x1050		☑				
1920x1080		☑				
1920x1200		☑				

Important Instruction

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

<div style="border:1px solid">

MAINS (AC) OPERATION

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

GREEN & YELLOW (Earth) (if there is earth cable)

FUSE

BROWN (Live)

BLUE (Neutral)
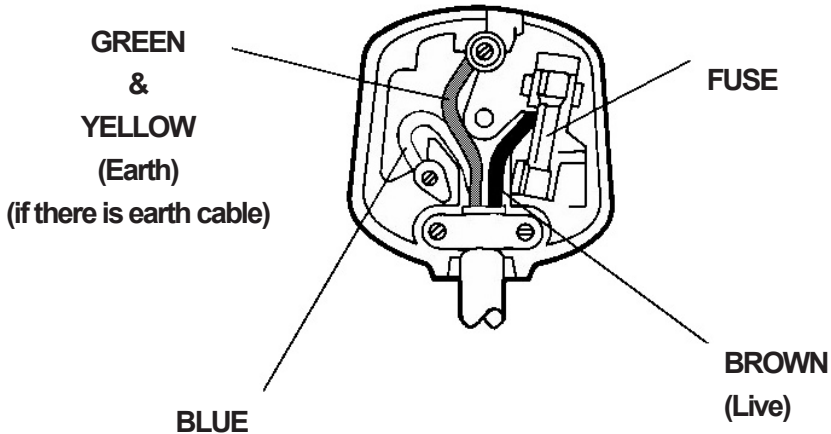
IMPORTANT

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).

</div>

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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.

</div>

A Product fiche

		Panasonic Corporation
B	Supplier	
C	Model ID	TX-50A300B
D	Energy efficiency class	A+
E	Visible screen size (diagonal)	127 cm / 50 inches
F	On mode average power consumption	71 W
G	Annual energy consumption *1	103 kWh
H	Standby power consumption *2	<0,5 W
I	Off mode power consumption	NA
J	Screen resolution	1920 x 1080

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
B Lieferanten
C Modellkennung
D Energieeffizienzklasse
E Sichtbare Bildschirmdiagonale
F Leistungsaufnahme im Ein-Zustand
G Jährlicher Energieverbrauch
H Leistungsaufnahme im Bereitschafts-Zustand
I Leistungsaufnahme im Aus-Zustand
J Bildschirmauflösung
K Energieverbrauch XYZ kWh/Jahr, auf der Grundlage eines täglich vierstündigen Betriebs des Fernsehgerätes an 365 Tagen. Der tatsächliche Energieverbrauch hängt von der Art der Nutzung des Fernsehgerätes ab.
L wenn der Fernseher mit der Fernbedienung ausgeschaltet wird und keine Funktion aktiviert ist
M Weitere Informationen zur Nennleistungsaufnahme siehe Aufkleber auf der hinteren Abdeckung des Fernsehers.

Nederlands

A Productkaart
B Leverancier
C Typeaanduiding
D Energie-efficiëntieklasse
E Zichtbare schermdiagonaal
F Elektriciteitsverbruik in de gebruiksstand
G Jaarlijks energieverbruik
H Elektriciteitsverbruik in de slaapstand
I Elektriciteitsverbruik in de uitstand
J Schermresolutie
K Energieverbruik XYZ kWh per jaar, gebaseerd op het elektriciteitsverbruik van de televisie wanneer deze gedurende 365 dagen 4 uur per dag aanstaat. Het feitelijke energieverbruik is afhankelijk van de manier waarop de televisie wordt gebruikt.
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
B Fornitore
C Identificatore del modello
D Classe di efficienza energetica
E Diagonale dello schermo visibile
F Consumo di energia in modo acceso
G Consumo annuo di energia
H Consumo di energia in modo stand-by
I Consumo di energia in modo spento
J Risoluzione dello schermo
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.

Français

A Fiche produit
B Fournisseur
C Référence du modèle
D Classe d'efficacité énergétique
E Diagonale d'écran visible
F Consommation électrique en mode marche
G Consommation d'énergie annuelle
H Consommation électrique en mode veille
I Consommation électrique en mode arrêt
J Résolution de l'écran
K Consommation d'énergie de "XYZ" kWh par an, sur la base de la consommation électrique 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.

Español

A Ficha de producto
B Proveedor
C Identificador del modelo
D Clase de eficiencia energética
E Diagonal visible de la pantalla
F Consumo de electricidad en modo encendido
G Consumo de energía anual
H Consumo de electricidad en espera
I Consumo de electricidad en modo apagado
J Resolución de la pantalla
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.
L cuando el TV se apaga con el mando a distancia y no existe ninguna función activa
M Para información sobre el consumo de potencia nominal consulte la etiqueta en la cubierta trasera del televisor.

Svenska

A Informationsblad
B Leverantör
C Modellbeteckning
D Energieffektivitetsklass
E Synlig skärmdiagonal
F Effektförbrukning i påläge
G Årlig energiförbrukning
H Effektförbrukning i standbyläge
I Effektförbrukning i frånläge
J Skärmupplösning
K Energiförbrukning "XYZ" kWh per år, beräknad utifrån effektförbrukningen för en tv-mottagare som används fyra timmar per dygn under 365 dygn. Den faktiska energiförbrukningen kommer att bero på hur tv-mottagaren används.
L när TV:n är avslagen via fjärrkontrollen och ingen funktion är aktiv
M För information om nominell effektförbrukning, se etiketten på TV:ns baksida.

Norsk

A Produktinfo
B Leverandør
C Modell-ID
D Energieffektivitetsklasse
E Synlig skjerm-diagonal
F Strømforbruk i på-modus
G Årlig energiforbruk
H Strømforbruk i standby
I Strømforbruk i off-modus
J Skjermoppløsning
K Energiforbruk XYZ kWh per år, strømforbruket er 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.

Suomi

A Tuoteseloste
B Tavarantoimittaja
C Mallitunniste
D Energiatehokkuusluokka
E Näkyvissä olevan kuvapinnan lävistäjä
F Tehonkulutus päälle kytkettynä -tilassa
G Vuotuinen energiankulutus
H Valmiustilan energiankulutus
I Tehonkulutus pois päältä -tilassa
J Kuvaruudun resoluutio
K Energiankulutus XYZ kWh:a vuodessa, kun oletetaan, että televisiota käytetään 4 tuntia päivässä 365 päivän ajan. Todellinen energiankulutus riippuu television käyttötavasta.
L Kun TV on sammutettu kaukosäätimestä ja mikään toiminto ei ole käytössä
M Tietoja nimellisestä virrankulutuksesta on kyltissä television takakannessa.

Magyar

- **A** Termékismertető adatlap
- **B** Beszállító
- **C** Típusazonosító
- **D** Energiahatékonysági osztály
- **E** Látható képátló nagysága
- **F** Bekapcsolt üzemmódbeli energiafogyasztás
- **G** Éves energiafogyasztás
- **H** Készenléti üzemmódbeli energiafogyasztás
- **I** Kikapcsolt üzemmódbeli energiafogyasztás
- **J** Képernyőfelbontás
- **K** A televíziókészülék napi 4 órás üzem mellett az év 365 napjára vetítve évente XYZ kWh mennyiségű energiát fogyaszt. A tényleges energiafogyasztás a készülék üzemeltetési módjától függ.
- **L** Amikor a TV-t a távirányítóval kapcsolják ki, és nincs aktív funkció
- **M** További információért a névleges energiafogyasztással kapcsolatban olvassa el a TV hátulsó burkolatán található címkét.

Česky

- **A** Informační list výrobku
- **B** Dodavatel
- **C** Identifikační značka modelu
- **D** Třída energetické účinnosti
- **E** Viditelná úhlopříčka obrazovky
- **F** Spotřeba elektrické energie v zapnutém stavu
- **G** Roční spotřeba elektrické energie
- **H** Spotřeba elektrické energie v pohotovostním režimu
- **I** Spotřeba elektrické energie ve vypnutém stavu
- **J** Rozlišení obrazovky
- **K** Spotřeba elektrické energie XYZ kWh za rok vychází ze spotřeby elektrické energie televizního přijímače, který je v provozu 4 hodiny denně po dobu 365 dní. Skutečná spotřeba elektrické energie závisí na způsobu použití televizního přijímače.
- **L** Když je televizor vypnutý dálkovým ovladačem a není aktivní žádná funkce.
- **M** Informace o jmenovitém příkonu najdete na štítku na zadním krytu televizoru.

Ελληνικά

- **A** Δελτίο προϊόντος
- **B** Προμηθευτής
- **C** Αναγνωριστικό μοντέλου
- **D** Τάξη ενεργειακής απόδοσης
- **E** Ορατή διαγώνιος οθόνης
- **F** Κατανάλωση ισχύος σε κατάσταση λειτουργίας
- **G** Ετήσια κατανάλωση ενέργειας
- **H** Κατανάλωση ισχύος σε κατάσταση αναμονής
- **I** Κατανάλωση ισχύος σε κατάσταση εκτός λειτουργίας
- **J** Ανάλυση οθόνης
- **K** Κατανάλωση ενέργειας XYZ kWh ανά έτος, με βάση την κατανάλωση ισχύος από την τηλεόραση για τετράωρη λειτουργία ανά ημέρα επί 365 ημέρες. Η πραγματική κατανάλωση ενέργειας εξαρτάται από τον τρόπο χρήσης της συσκευής.
- **L** όταν η τηλεόραση είναι απενεργοποιημένη από το τηλεχειριστήριο και δεν υπάρχουν ενεργές λειτουργίες
- **M** Για τις πληροφορίες ονομαστικής κατανάλωσης ισχύος, ανατρέξτε στην ετικέτα στο πίσω κάλυμμα της τηλεόρασης.

Türkçe

- **A** Ürün fişi
- **B** Tedarikçi
- **C** Model No
- **D** Enerji verimlilik sınıfı
- **E** Görülebilir ekran köşegeni
- **F** Açık modda güç tüketimi
- **G** Yıllık enerji tüketimi
- **H** Beklemede güç tüketimi
- **I** Kapalı modda güç tüketimi
- **J** Ekran çözünürlüğü
- **K** 365 gün boyunca günde 4 saat çalışan televizyonun tükettiği güç referans alınarak yılda XYZ kWh enerji tüketimi. Güncel enerji tüketimi televizyonun nasıl kullanıldığına bağlı olacaktır.
- **L** Televizyon uzaktan kumanda ile kapatıldığında ve hiçbir fonksiyon yokken
- **M** Nominal güç tüketim bilgisi için televizyonun arka kapağındaki etikete bakın.

Hrvatski

- **A** Podatkovni list proizvoda
- **B** Dobavljač
- **C** ID modela
- **D** Razred energetske učinkovitosti
- **E** Dijagonala vidljivog zaslona
- **F** Utrošak energije pri uključenosti
- **G** Godišnji utrošak energije
- **H** Utrošak energije u pripravnosti
- **I** Utrošak energije pri isključenosti
- **J** Razlučivost zaslona
- **K** Utrošak energije iznosi XYZ kWh godišnje na temelju utroška energije koji radi četiri sata dnevno 365 dana u godini. Stvarni utrošak energije ovisit će o tome kako se upotrebljava televizor.
- **L** kada se televizor isključi daljinskim upravljačem i nijedna funkcija nije aktivna
- **M** Za informacije o nazivnoj snazi pogledajte naljepnicu na stražnjem pokrovu televizora.

Slovensky

- **A** Opis výrobku
- **B** Dodávateľ
- **C** Identifikačný znak modelu
- **D** Trieda energetickej efektívnosti
- **E** Uhlopriečka viditeľnej časti obrazovky
- **F** Spotreba elektrickej energie v režime zapnutia
- **G** Ročná spotreba elektrickej energie
- **H** Spotreba elektrickej energie v pohotovostnom režime
- **I** Spotreba elektrickej energie v režime vypnutia
- **J** Rozlíšenie obrazovky
- **K** Spotreba energie XYZ kWh za rok na základe spotreby elektrickej energie televízora, ktorý je v činnosti 4 hodiny denne počas 365 dní. Skutočná spotreba energie závisí od toho, ako sa televízor používa.
- **L** keď je televízor vypnutý diaľkovým ovládaním a nie je aktívna žiadna funkcia
- **M** Údaje o menovitom príkone sú uvedené na štítku na zadnom kryte televízora.

Eesti

- **A** Tootekirjeldus
- **B** Tarnija
- **C** Mudelitähis
- **D** Energiatõhususe klass
- **E** Ekraani nähtava osa diagonaal
- **F** Sisselülitatud seisundi elektritarbimine
- **G** Aastane energiatarbimine
- **H** Ooteseisundi elektritarbimine
- **I** Väljalülitatud seisundi elektritarbimine
- **J** Ekraani resolutsioon
- **K** Energiatarbimine XYZ kWh aastas, eeldusel et televiisor töötab neli tundi päevas ja 365 päeva aastas. Tegelik energiatarbimine oleneb televiisori kasutusviisist.
- **L** kui teler on kaugjuhtimispuldiga välja lülitatud ning ükski funktsioon ei tööta.
- **M** Nimiväärtustarbe alase teabe leiate teleri tagaküljel olevalt sildilt.

Lietuvių k.

- **A** Gaminio kortelė
- **B** Tiekėjas
- **C** Modelio identifikatorius
- **D** Energijos efektyvumo klasė
- **E** Matoma ekrano įstrižainė
- **F** Energijos sunaudojimas įjungus gaminį
- **G** Metinis energijos sunaudojimas
- **H** Energijos sunaudojimas budėjimo režimu
- **I** Energijos sunaudojimas išjungus gaminį
- **J** Ekrano skiriamoji geba
- **K** XYZ kWh energijos sunaudojimas per metus nurodomas atsižvelgus į tai, kiek energijos sunaudojama televizoriui veikiant 4 valandas per dieną 365 dienas į eilės. Faktinį energijos sunaudojimą lems tai, kiek laiko bus naudojamas televizorius.
- **L** išjungus televizorių nuotolinio valdymo įrenginiu, kai neveikia jokia funkcija
- **M** Informaciją apie vardinį energijos suvartojimą žr. etiketėje ant televizoriaus galinio gaubto.

Português

- **A** Ficha de produto
- **B** Fornecedor
- **C** Identificador de modelo
- **D** Classe de eficiência energética
- **E** Diagonal visível do ecrã
- **F** Consumo, em termos de potência, no estado activo
- **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
- **K** Consumo de energia de XYZ kWh por ano, baseado no consumo, em termos de potência, do televisor a funcionar 4 horas por dia 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.

Dansk

- **A** Datablad
- **B** Leverandør
- **C** Modelidentifikation
- **D** Energieffektivitetsklasse
- **E** Synlig skærmdiagonal
- **F** Effektforbruget i tændt tilstand
- **G** Årligt energiforbrug
- **H** Effektforbruget i standbytilstand
- **I** Effektforbruget i slukket tilstand
- **J** Skærmopløsning
- **K** Energiforbrug: XYZ kWh om året, beregnet som fjernsynets effektforbrug, hvis det er tændt 4 timer om dagen i 365 dage. Det faktiske energiforbrug vil bero på, hvordan fjernsynet bruges.
- **L** når fjernsynet er slukket med fjernbetjeningen og ingen funktioner er aktive
- **M** For oplysninger om nominelt strømforbrug henvises til mærkaten på fjernsynets bagbeklædning.

Български

- **A** Продуктов фиш
- **B** Доставчик
- **C** Идентификатор на модела
- **D** Клас на енергийна ефективност
- **E** Видим диагонал на екрана
- **F** Консумация на енергия в режим „включен"
- **G** Годишна консумация на енергия
- **H** Консумация на енергия в режим „в готовност"
- **I** Консумация на енергия в режим „изключен"
- **J** Разделителна способност на екрана
- **K** Консумация на енергия XYZ kWh годишно, изчислена на базата на 4 работни часа дневно при 365 дни. Действително консумираната енергия ще зависи от начина на употреба на телевизора.
- **L** когато телевизорът е изключен от дистанционното управление и няма активна функция
- **M** За информация за номиналната консумация на енергия вижте етикета върху задния капак на телевизора.

Română

- **A** Fişa produsului
- **B** Furnizor
- **C** Referinţă model
- **D** Clasa de eficienţă energetică
- **E** Diagonala vizibilă a ecranului
- **F** Puterea consumată în modul activ
- **G** Consumul anual de energie
- **H** Puterea consumată în modul standby
- **I** Puterea consumată în modul oprit
- **J** Rezoluţie ecran
- **K** Consumul de energie XYZ kWh pe an, pe baza puterii consumate de aparatul TV atunci când este în funcţiune 4 ore pe zi timp de 365 de zile; consumul real de energie depinde de condiţiile de utilizare a aparatului TV.
- **L** când televizorul este oprit cu telecomanda şi nu este activă nicio funcţie
- **M** Pentru informaţii privind consumul nominal de energie, consultaţi eticheta de pe capacul posterior al televizorului.

Latviešu valodā

- **A** Produkta speciālā zīme
- **B** Piegādātājs
- **C** Modeļa identifikators
- **D** Energoefektivitātes klase
- **E** Ekrāna redzamās daļas izmērs pa diagonāli
- **F** Aktīvā režīma elektroenerģijas patēriņš
- **G** Ikgadējais enerģijas patēriņš
- **H** Gaidīšanas režīma elektroenerģijas patēriņš
- **I** Izslēgtā režīma elektroenerģijas patēriņš
- **J** Ekrāna izšķirtspēja
- **K** Enerģijas patēriņš XYZ kWh gadā, pamatverā televizora elektroenerģijas patēriņu, darbojoties 365 dienas, četras stundas dienā. Faktiskais enerģijas patēriņš būs atkarīgs no tā, kā televizors tiks izmantots.
- **L** kad televizors ir izslēgts ar tālvadības pulti un nedarbojas neviena funkcija
- **M** Nominālās strāvas patēriņš norādīts etiķetē televizora korpusa aizmugurē.

Polski

- **A** Karta produktu
- **B** Dostawca
- **C** Identyfikator modelu
- **D** Klasa efektywności energetycznej
- **E** Przekątna widzialna ekranu
- **F** Zużycie energii w trybie włączenia
- **G** Roczne zużycie energii
- **H** Zużycie energii w trybie czuwania
- **I** Zużycie energii w trybie wyłączenia
- **J** Rozdzielczość ekranu
- **K** Zużycie energii XYZ kWh/rok na podstawie zużycia energii przez telewizor działający 4 godziny dziennie przez 365 dni. Rzeczywiste zużycie energii zależy od sposobu użytkowania telewizora.
- **L** Wyłączenie telewizora za pomocą pilota i brak aktywnych funkcji.
- **M** Informacja na temat znamionowego poboru mocy znajdują się na etykiecie na tylnej obudowie telewizora.