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> Philips 50PQT8100/94 50-inch 4K Ultra HD Smart QLED Google TV User Manual

## Philips 50PQT8100/94

# Philips 50PQT8100/94 50-inch 4K Ultra HD Smart QLED Google TV User Manual

## 1. INTRODUCTION

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This manual provides essential information for the safe and efficient use of your Philips 50PQT8100/94 50-inch 4K Ultra HD Smart QLED Google TV. Please read these instructions thoroughly before operating the device and retain them for future reference.



Image 1.1: Front view of the Philips 50-inch 4K QLED Google TV.

## 2. SAFETY INFORMATION

Observe the following safety precautions to prevent electric shock, fire, or damage to the television.

- **Power Source:** Connect the TV only to an AC power outlet with the specified voltage.
- **Ventilation:** Ensure adequate ventilation around the TV. Do not block ventilation openings.
- **Water and Moisture:** Do not expose the TV to rain or moisture. Avoid placing objects filled with liquids on the TV.
- **Cleaning:** Unplug the TV before cleaning. Use a soft, dry cloth. Do not use liquid or aerosol cleaners.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.
- **Placement:** Place the TV on a stable, level surface or mount it securely to a wall. Keep it away from direct sunlight and heat sources.

## 3. WHAT'S IN THE BOX

Verify that all components are present in the packaging:

- TV Unit (1N)
- Stand Bases (2N)
- Remote Control (1N)
- AAA Batteries (2N)
- Power Cord (1N)
- Screws (4N)
- AV Converting Cable (1N)
- Quick Start Guide (1N)
- Warranty Card (1N)



Image 3.1: Illustration of items included in the product packaging.

## 4. PHYSICAL SETUP

### 4.1. Stand Installation

To install the stand bases:

1. Carefully place the TV screen-down on a soft, flat surface to prevent damage.
2. Align each stand base with the corresponding slots on the bottom of the TV.
3. Secure each stand base using the provided screws. Ensure they are tightened firmly.



Image 4.1: TV stand bases and mounting screws.

## 4.2. Connecting Peripherals

Connect external devices to the TV using the available ports. Refer to the diagram below for port locations.

# Easy. Smart. Smooth.

Endless Entertainment at Your Fingertips



 Google Assistant

Image 4.2: Overview of the TV's rich interface ports.

- **HDMI Ports (3):** Connect set-top boxes, Blu-ray players, gaming consoles, or other HDMI-enabled devices.
- **USB Ports (2):** Connect USB storage devices for media playback.
- **AV In:** Use the provided AV converting cable to connect older devices with RCA outputs.
- **LAN Port:** Connect an Ethernet cable for a wired internet connection.
- **Digital Audio Output:** Connect to an external audio receiver or soundbar for enhanced sound.
- **Earphone:** Connect headphones for private listening.
- **Tuner SAT/ANT:** Connect satellite or antenna cables for broadcast TV.

## 4.3. Power Connection

Connect the power cord to the TV's power input and then to a wall outlet. The TV is designed for 240 Volts AC power.

## 5. INITIAL SETUP & CONFIGURATION

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## 5.1. First Power On

After connecting the power, press the power button on the remote control or on the TV to turn it on. The TV will guide you through the initial setup process.

## 5.2. Google TV Setup

Follow the on-screen instructions to set up your Google TV. This typically includes:

- Selecting your language and region.
- Connecting to a Wi-Fi network (or using a wired Ethernet connection).
- Signing in with your Google account to access apps, personalized recommendations, and Google Assistant.
- Accepting terms and conditions.

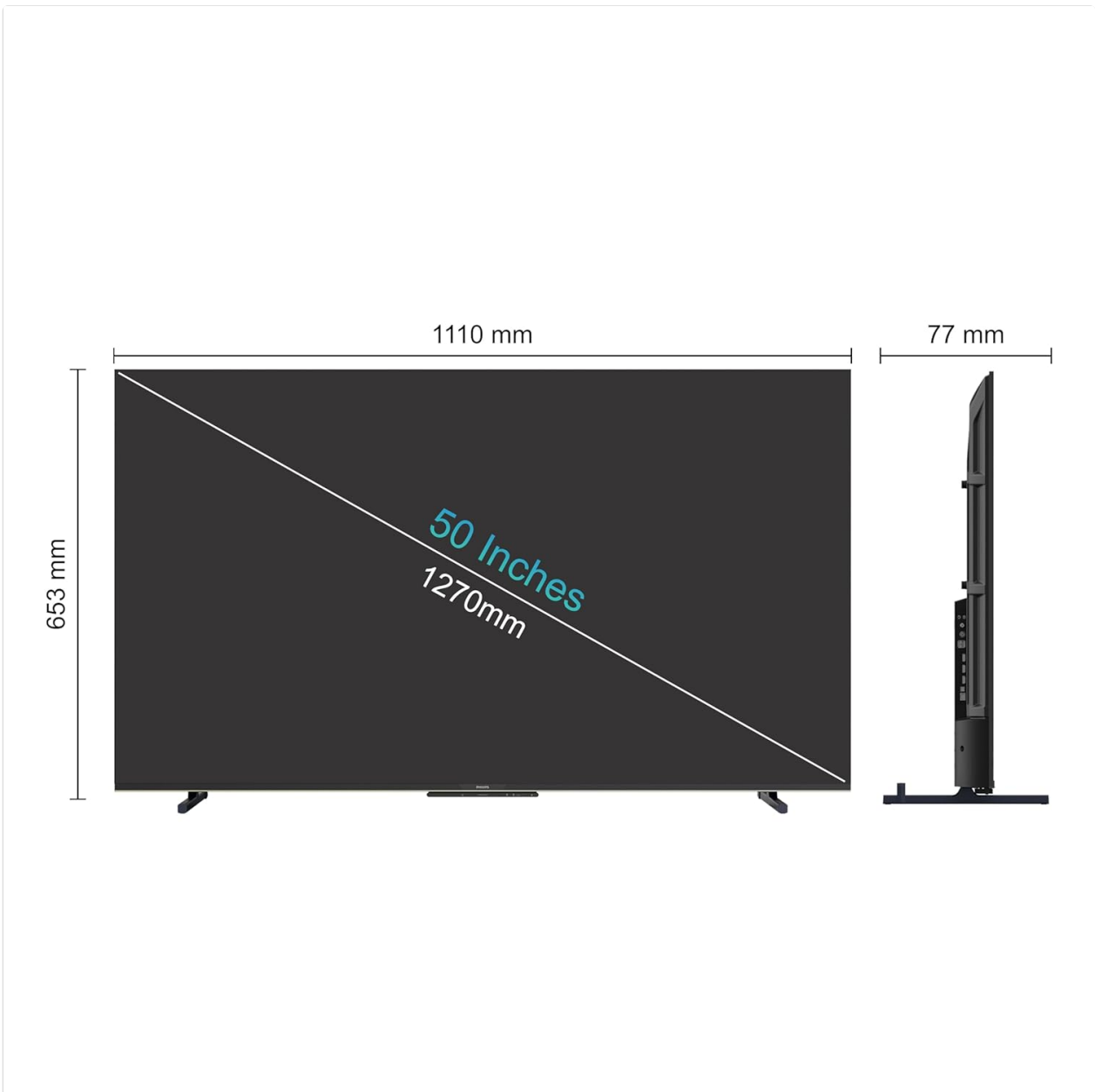


Image 5.1: The Google TV interface with various applications.

## 6. OPERATING YOUR TV

### 6.1. Remote Control Functions

The remote control provides access to all TV functions. Insert the two AAA batteries into the remote control, ensuring correct polarity.

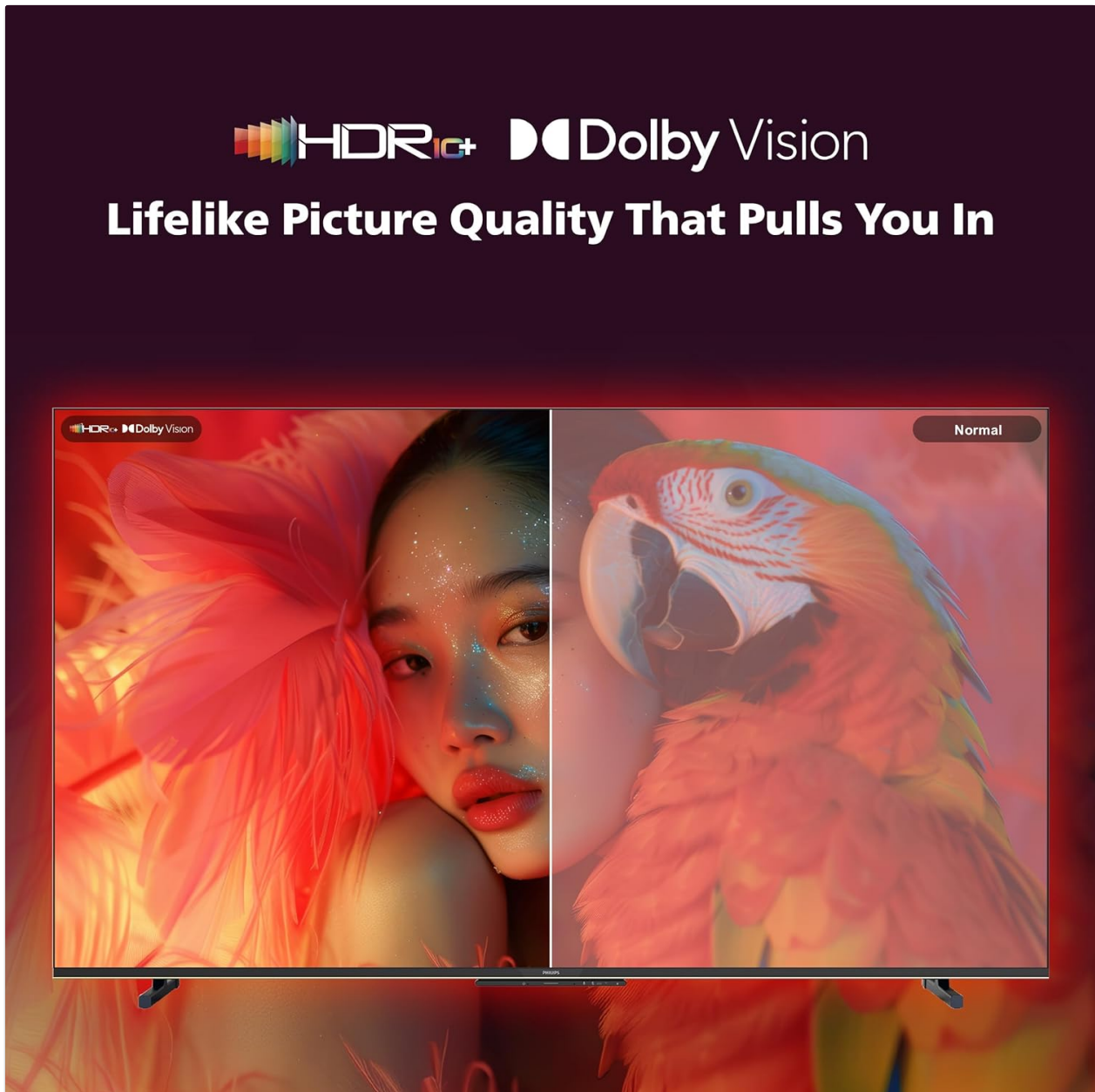


Image 6.1: The Philips TV remote control.

- **Power Button:** Turns the TV on or off.
- **Navigation Keys:** Use the directional pad and OK button to navigate menus.
- **Voice Assistant Button:** Activates Google Assistant for voice commands.
- **Dedicated App Buttons:** Quick access to popular streaming services like Prime Video and Netflix.
- **Home Button:** Returns to the Google TV home screen.
- **Back Button:** Returns to the previous screen.

## 6.2. Navigating Google TV

The Google TV interface organizes content from your apps and subscriptions, providing personalized recommendations. Use the remote's navigation keys to browse.

## 6.3. Picture Settings

Your TV features QLED technology, 4K resolution, Dolby Vision, and HDR10 for enhanced picture quality.

Access picture settings through the TV menu to adjust brightness, contrast, color, and picture modes.



Image 6.2: Visual comparison of HDR+ Dolby Vision versus normal picture quality.



Image 6.3: Representation of QLED display technology.

#### **6.4. Sound Settings**

The TV features 30 Watts output with Dolby Atmos for immersive sound. Adjust sound modes, equalizer settings, and volume levels via the sound menu.



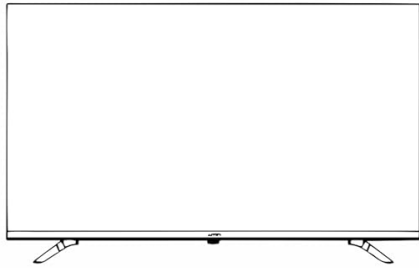
Image 6.4: Depiction of Dolby Atmos surround sound experience.

## 6.5. Smart Features

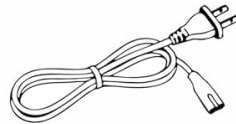
- **Supported Apps:** Access a wide range of applications including Netflix, Prime Video, YouTube, and Zee5.
- **Google Assistant:** Use voice commands for search, control, and information.
- **Chromecast Built-in & Miracast:** Cast content from compatible smartphones or tablets directly to your TV.

50"

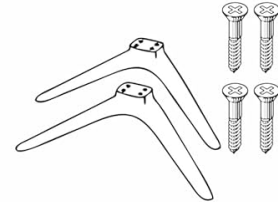
# What's in the box?



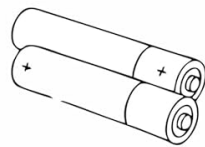
**Philips Select Series**



**Power Cable**



**TV Stands & Screws**



**x2 AAA Batteries**



**Remote**

Image 6.5: Key features of the Philips PQT8100/94 Series TV.

## 6.6. Gaming Features

The TV supports a 120 Hz refresh rate and Auto Low Latency Mode (ALLM) for a smoother gaming experience.



Image 6.6: Visual representation of 4K 120Hz motion clarity.

## 7. MAINTENANCE

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### 7.1. Cleaning

To clean the TV screen and cabinet:

- Unplug the power cord before cleaning.
- Use a soft, lint-free cloth to gently wipe the screen. For stubborn marks, slightly dampen the cloth with water or a specialized screen cleaner (do not spray directly onto the screen).
- Wipe the TV cabinet with a soft, dry cloth.

### 7.2. Software Updates

The TV may receive software updates to improve performance and add new features. Ensure your TV is connected to the internet to receive these updates automatically or check for them manually in the settings menu.

## 8. TROUBLESHOOTING

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If you encounter issues with your TV, refer to the following common problems and solutions:

<b>Problem</b>	<b>Possible Solution</b>
No power	Check if the power cord is securely connected to the TV and the wall outlet. Ensure the outlet is functional.
No picture, but sound is present	Verify the correct input source is selected. Check HDMI/AV cable connections.
No sound, but picture is present	Check volume level and mute status. Ensure external audio devices are correctly connected and powered on.
Remote control not working	Replace batteries. Ensure no obstructions between the remote and the TV's IR sensor.
Laggy or slow interface	Restart the TV. Ensure a stable internet connection. Check for available software updates. Close unused applications.
Cannot connect to Wi-Fi	Ensure Wi-Fi is enabled on the TV. Check router status and signal strength. Re-enter Wi-Fi password.

## 9. SPECIFICATIONS

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Detailed technical specifications for the Philips 50PQT8100/94 TV:

# Cinematic Audio

30W  
SOUND

Dolby  
AUDIO

2.0  
channel

Dolby  
ATMOS



Image 9.1: Product dimensions of the 50-inch TV.

Feature	Detail
Model	50PQT8100/94
Screen Size	50 Inches (127 cm)
Display Technology	QLED, LED
Resolution	4K Ultra HD (3840x2160 Pixels)
Refresh Rate	120 Hz
Operating System	Google TV
RAM Memory	2 GB
Storage Capacity	32 GB
Graphics Coprocessor	Mali G52 MC1
Connectivity	3 HDMI ports, 2 USB ports, Ethernet, Wi-Fi (Dual band), Bluetooth

Feature	Detail
Audio Output	30 Watts, Dolby Atmos, Surround Sound
Special Features	Google Assistant, Chromecast built-in, Miracast, Dolby Vision, HDR10, HLG, ALLM
Viewing Angle	178 Degrees
Power Consumption	100 Watts (Typical), 140 kWh (Annual Energy Consumption)
Product Dimensions (LxWxH)	120 x 8.1 x 69.85 cm
Item Weight	8 kg

## 10. WARRANTY AND SUPPORT

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Your Philips TV comes with a manufacturer's warranty. Please refer to the warranty card included in the box for specific terms and conditions, including warranty period and coverage details.

For technical support, service requests, or further assistance, please contact Philips customer support. Contact information can typically be found on the Philips official website or on the warranty card.

Keep your purchase receipt as proof of purchase for warranty claims.