

## Philips 55MLED920

# Philips Ambilight 55MLED920 'The Xtra' Mini LED 4K Smart TV User Manual

Model: 55MLED920

## INTRODUCTION

This manual provides essential information for setting up, operating, and maintaining your Philips Ambilight 55MLED920 'The Xtra' Mini LED 4K Smart TV. Please read these instructions carefully before using your television to ensure optimal performance and safety.

## SETUP

### 1. Unboxing and Package Contents

Carefully remove all components from the packaging. Ensure all items listed below are present:

- TV Unit
- Power Cable
- Remote Control with 2 AAA Batteries
- Stand
- User Manual and Warranty Card

Keep the packaging for future transport or storage.

### 2. Installing the TV Stand or Wall Mount

Follow the instructions provided in the separate stand installation guide or wall mount kit. Ensure the TV is placed on a stable, level surface or securely mounted to a wall, away from direct sunlight or heat sources.

### 3. Connecting Devices

Connect your external devices such as set-top boxes, gaming consoles, or sound systems to the appropriate ports on your TV.



\* Imagen ilustrativa

**Image:** Rear and side view of the Philips Ambilight TV, illustrating the various connectivity ports available for external devices. These include HDMI, USB, Satellite, TV Antenna, Digital Audio Out, and Network connections.

- **HDMI:** For high-definition audio and video connections (e.g., Blu-ray players, game consoles). This TV supports HDMI 2.1.
- **USB:** For connecting USB storage devices to play media files or for software updates.
- **Ethernet (Network):** For a wired internet connection.
- **Wi-Fi:** For wireless internet connection.
- **Bluetooth:** For connecting wireless accessories like headphones or speakers.
- **Antenna/Satellite:** For connecting to broadcast signals.
- **Digital Audio Out:** For connecting to external audio systems.

#### 4. Power Connection

Connect the power cable to the TV and then to a wall outlet. The TV will enter standby mode.

## OPERATING YOUR TV

## 1. Remote Control

The included remote control allows you to navigate menus, adjust settings, and control your TV's functions. Insert the two AAA batteries as indicated in the battery compartment.



**Un mando elegante y ecológico hecho de plástico reciclado**

**Image:** The Philips TV remote control, designed for ease of use and made from recycled plastic, shown illuminated by the TV's Ambilight feature.

## 2. Power On/Off

Press the power button on the remote control or on the TV to turn the TV on or off. Pressing it once will put the TV into standby mode.

## 3. Ambilight Feature

Your Philips Ambilight TV features reactive LED lights integrated into the back of the screen. These lights project colors onto the wall behind the TV, matching the on-screen content to create an immersive viewing experience. You can customize Ambilight settings through the TV menu.



# AMBILIGHT tv



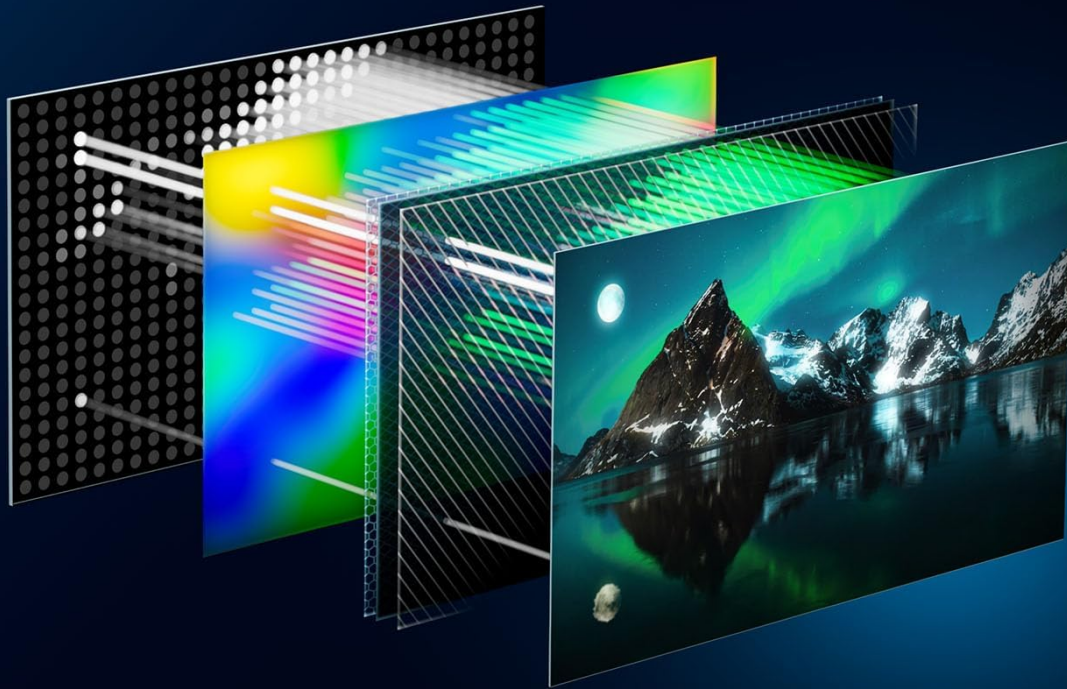
**Luces LED integradas que reaccionan a todo lo que ves**

**Image:** The Philips Ambilight TV in a living room setting, showcasing its reactive LED lights that extend the visual experience beyond the screen by projecting matching colors onto the surrounding wall.

## **4. Picture Quality (P5 Picture Engine, Mini LED, Quantum Dot, HDR)**

The TV utilizes the **P5 Picture Engine** to deliver vibrant colors, natural skin tones, and sharp contrast. Combined with **Quantum Dot Mini-LED technology**, it produces deeper blacks, brighter whites, and a wider color spectrum for clear, detailed images. It supports various HDR formats for enhanced depth and contrast.

# 4K QD MiniLED



HDR10+



Great  
for Gaming

dtsh



Dolby  
VISION · ATMOS

**Image:** A detailed diagram illustrating the internal structure of the 4K QD MiniLED display, highlighting the layers responsible for producing enhanced color and contrast.



## Calidad de imagen llevada a la perfección

**Image:** A close-up view of the P5 Perfect Picture Engine microchip, symbolizing the advanced image processing capabilities that ensure brilliant and detailed visuals.

### 5. Sound Quality (Dolby Atmos, IntelliSound)

Experience immersive audio with **Dolby Atmos**, which creates a three-dimensional sound experience. The integrated **IntelliSound** engine uses AI to optimize audio settings automatically based on the content you are watching, whether it's news, music, or movies.





**Image:** A visual representation of immersive sound technology in a living room, with sound waves emanating from the Philips Ambilight TV, indicating a rich audio experience.

## 6. Smart TV Features (Titan OS, Voice Assistant, Matter)

Your TV runs on **Titan OS**, providing access to streaming services and apps. The intuitive interface allows for easy navigation and content discovery. The TV is compatible with **Matter** for seamless integration into your smart home network and supports voice assistants like **Alexa** and **Google Assistant** for hands-free control.



Great for  
Gaming



Up to  
**144Hz VRR**

**AMD**  
**FreeSync**  
Premium

**Image:** The Philips TV displaying the Titan OS smart TV interface, featuring popular streaming applications and indicating compatibility with Alexa and Matter smart home systems.



# IntelliSound



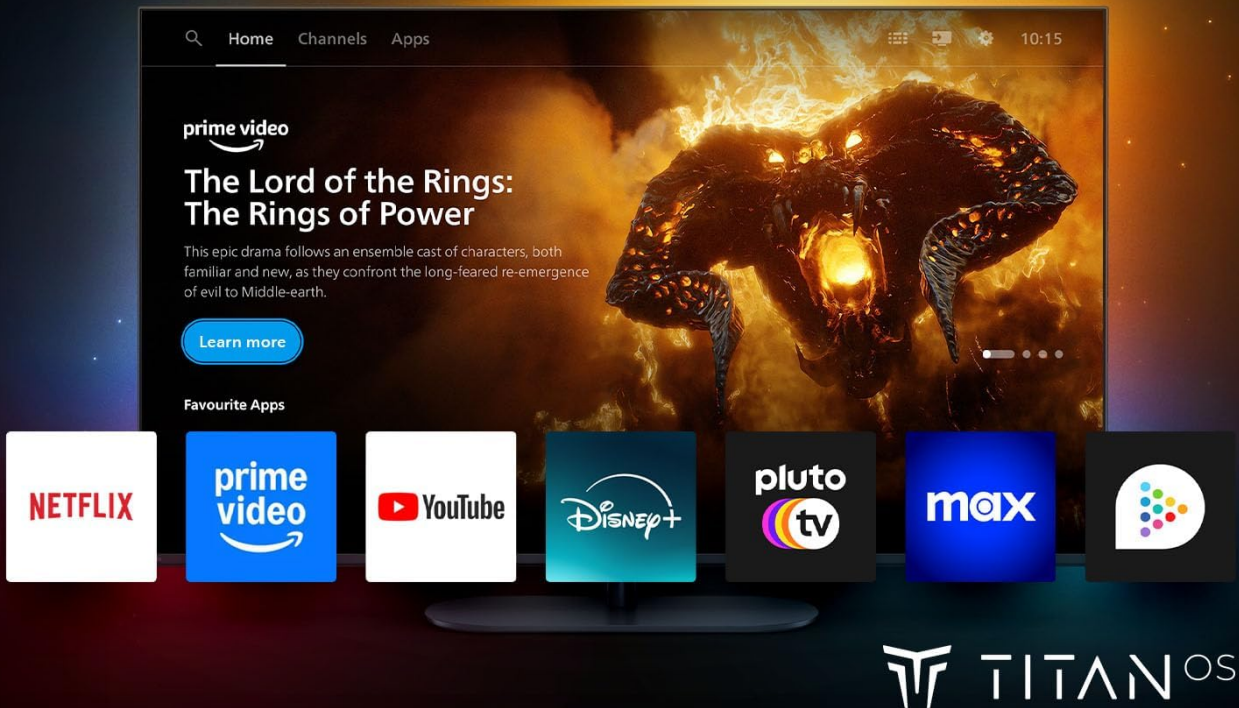
El mejor sonido posible con optimización mediante IA en tu televisor Ambilight

**Image:** Illustrations demonstrating the TV's integration with voice assistants, showing interactions with both Google Home and Alexa devices for controlling the TV and querying information.

## 7. Gaming Features

This TV is optimized for gaming with features like **AMD FreeSync**, a **120 Hz refresh rate** (up to 144 Hz VRR via HDMI for PC gaming), and a dedicated Game Mode. These features ensure smooth, tear-free gameplay and ultra-low input lag.

# Búsqueda sin esfuerzo, entretenimiento ilimitado



**Image:** A gaming setup featuring the Philips Ambilight TV, emphasizing its high refresh rate (up to 144Hz VRR) and AMD FreeSync Premium for a smooth gaming experience.

## MAINTENANCE

- **Cleaning the Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, use a screen-specific cleaning solution applied to the cloth, not directly to the screen.
- **Cleaning the Cabinet:** Use a soft, dry cloth to clean the TV cabinet. Avoid using abrasive cleaners or solvents.
- **Software Updates:** Ensure your TV's software is up to date for optimal performance and new features. You can usually find this option in the TV's settings menu under "Software Update" or "About TV".

## TROUBLESHOOTING

If you encounter issues with your TV, try the following common solutions before contacting support:

- **No Power:** Check if the power cable is securely connected to both the TV and the wall outlet. Ensure the outlet is working.
- **No Picture/Sound:** Verify that the correct input source is selected. Check all cable connections to external devices.

- **Remote Control Not Working:** Replace the batteries. Ensure there are no obstructions between the remote and the TV's IR sensor.
- **Poor Picture Quality:** Check the signal source. Adjust picture settings (brightness, contrast, sharpness) in the TV menu.
- **No Internet Connection:** For Wi-Fi, check your router and network settings. For wired connection, ensure the Ethernet cable is properly connected.

For more detailed troubleshooting, refer to the full user manual or visit the Philips support website.

## SPECIFICATIONS

Feature	Detail
Brand	Philips
Model Number	55MLED920/12
Screen Size	55 Inches
Display Technology	Mini LED
Resolution	4K
Refresh Rate	120 Hz (up to 144 Hz VRR)
Special Features	AMD FreeSync, Ambilight, Game Mode, Automatic Volume Leveler, Ambient Light Sensor
Connectivity Technology	Bluetooth, Ethernet, HDMI, USB, Wi-Fi
Aspect Ratio	16:9
Product Dimensions	28 x 122.6 x 77.8 cm; 11.7 kg
Operating System	Titan OS

## WARRANTY AND SUPPORT

Your Philips Ambilight TV comes with a manufacturer's warranty. Please refer to the warranty card included in your package for details on coverage and terms. For technical support, product registration, or to download the full user manual, please visit the official Philips support website or contact their customer service.

**Online Support:** [www.philips.com/support](http://www.philips.com/support)