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› Samsung UN55D6500 55-Inch 3D LED TV User Manual

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Model: UN55D6500

1. INTRODUCTION

This manual provides essential information for the safe and efficient use of your Samsung UN55D6500 55-Inch 3D LED TV. Please read these instructions thoroughly before operating the television and retain them for future reference. Your new television combines advanced LED display technology with Smart TV features and 3D capabilities, offering a comprehensive entertainment experience.



Image 1.1: Front view of the Samsung UN55D6500 55-Inch 3D LED TV. This image displays the television's slim bezel and stand, highlighting its modern design.

2. SAFETY INFORMATION

To reduce the risk of electric shock, fire, or injury, always follow these basic safety precautions:

- Do not expose this apparatus to rain or moisture.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel.

3. PACKAGE CONTENTS

Verify that all the following items are included in your product package:

- Samsung UN55D6500 55-Inch 3D LED TV
- TV Stand (Base and Neck)
- Remote Control with Batteries
- Power Cord
- User Manual (this document)
- Quick Setup Guide

Note: 3D Glasses are not included and must be purchased separately for 3D viewing.

4. SETUP

4.1 Assembling the Stand

1. Carefully place the TV screen-down on a soft, flat surface to prevent damage.
2. Attach the stand neck to the TV using the provided screws.
3. Secure the stand base to the stand neck.
4. Ensure all screws are tightened securely.

Image 4.1: Illustration of stand assembly steps. This image would show a diagram of how to connect the stand base and neck to the television.

4.2 Mounting the TV

The UN55D6500 is compatible with VESA standard wall mounts. For wall mounting, refer to the instructions provided with your wall mount kit. Ensure proper ventilation around the TV when wall-mounted.

4.3 Connecting Peripherals

Your TV features multiple input ports for various devices:

- **HDMI Ports (x4):** Connect Blu-ray players, game consoles, cable/satellite boxes, and other HDMI-enabled devices.
- **USB Ports (x3):** Connect USB storage devices for media playback or a USB keyboard/mouse.
- **Antenna/Cable Input:** Connect an antenna or cable TV signal.
- **Ethernet Port:** For a wired network connection.

Connect the power cord to the TV's power input and then to a wall outlet.

Image 4.2: Rear view of the TV with port labels. This image would highlight the location and type of each input and output port on the back of the television.

4.4 Initial Power On and Setup

1. Press the Power button on the remote control or the TV.
2. Follow the on-screen instructions to select your language, country, and perform an initial channel scan.

4.5 Network Connection (Wi-Fi)

The UN55D6500 has built-in Wi-Fi for internet connectivity:

1. Navigate to the TV's 'Settings' menu.
2. Select 'Network' and then 'Network Settings'.

3. Choose 'Wireless' and select your Wi-Fi network from the list.
4. Enter your network password if prompted.
5. Confirm the connection.

5. OPERATING THE TV

5.1 Remote Control Overview

The remote control allows you to access all TV functions. Insert two AAA batteries, observing polarity.

Image 5.1: Diagram of the remote control with button labels. This image would show the layout of the remote control, indicating the function of each button such as Power, Volume, Channel, Smart Hub, and Input.

5.2 Basic Functions

- **Power:** Press to turn the TV on or off.
- **Volume (+/-):** Adjust the sound level.
- **Channel (Up/Down):** Change TV channels.
- **Source/Input:** Select the input source (HDMI1, HDMI2, TV, etc.).
- **Menu:** Access the main settings menu.

5.3 Smart TV Features

Press the 'Smart Hub' button on your remote to access the Smart TV interface. Here you can:

- Launch pre-installed applications like Netflix and Pandora.
- Download additional apps from the Samsung Apps store.
- Browse the internet (if a web browser app is available).
- Access media content from connected USB devices or network shares.

5.4 3D Functionality

To enjoy 3D content:

1. Ensure you have active shutter 3D glasses (sold separately).
2. Play 3D content from a compatible source (e.g., 3D Blu-ray player).
3. The TV should automatically detect 3D content. If not, press the '3D' button on your remote (if available) or navigate to the picture settings to enable 3D mode.
4. Wear your 3D glasses for an immersive experience.

5.5 Picture and Sound Settings

Access the 'Picture' and 'Sound' menus in the TV's settings to customize your viewing and listening experience. Adjust settings such as brightness, contrast, color, backlight, sound mode, and equalizer.

6. MAINTENANCE

6.1 Cleaning Your TV

- Always unplug the TV before cleaning.
- Use a soft, dry microfiber cloth to gently wipe the screen and cabinet.
- Do not use liquid cleaners, sprays, or abrasive cloths, as they may damage the screen or finish.

6.2 Software Updates

To ensure optimal performance and access to the latest features, regularly check for and install software updates:

1. Navigate to 'Settings' > 'Support' > 'Software Update'.
2. Select 'Update Now' to check for available updates.
3. Follow the on-screen prompts to download and install any updates.

7. TROUBLESHOOTING

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

Problem	Possible Solution
No Power	Ensure the power cord is securely connected to both the TV and a working electrical outlet. Test the outlet with another device.
No Picture / No Sound	Check that the correct input source is selected. Verify all cable connections (HDMI, antenna) are secure. Restart connected devices.
Wi-Fi Connection Issues	Ensure your router is on and functioning. Re-enter the Wi-Fi password. Try restarting both the TV and your router. Consider a wired Ethernet connection if issues persist.
"Soap Opera Effect" (Motion Blur)	This is often caused by motion interpolation settings. Navigate to Picture Settings > Expert Settings > Auto Motion Plus and set it to 'Off' or a lower setting.
Light Bleeding / Patchy Display	Minor light bleeding, especially on dark screens, can be characteristic of edge-lit LED TVs. Ensure picture settings are optimized for your viewing environment. If severe, contact support.

8. SPECIFICATIONS

Feature	Detail
Model Name	UN55D6500
Screen Size	55 Inches
Display Technology	LED
Resolution	1080p (Full HD)
Refresh Rate	120 Hz
Contrast Ratio	5,000,000:1
Response Time	2 Milliseconds
Connectivity	Wi-Fi, Ethernet
HDMI Ports	4
USB Ports	3
Supported Internet Services	Netflix, Pandora, Weather Forecast

Feature	Detail
Tuner Type	ATSC
Parental Control	Yes
Item Weight	38.1 Pounds
Model Year	2011

9. WARRANTY AND SUPPORT

9.1 Limited Warranty

This Samsung product is covered by a limited warranty. For detailed terms and conditions, please refer to the warranty card included in your product packaging or visit the official Samsung website. The warranty typically covers manufacturing defects for a specified period from the date of purchase.

9.2 Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact Samsung Customer Support. Contact information can be found on the official Samsung website or in your product documentation.