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› Samsung 43-Inch Class 4K Crystal UHD DU8000 Series Smart TV User Manual

Samsung UN43DU8000

Samsung 43-Inch Class 4K Crystal UHD DU8000 Series Smart TV User Manual

Model: UN43DU8000

1. INTRODUCTION

This manual provides essential information for setting up, operating, and maintaining your Samsung 43-Inch Class 4K Crystal UHD DU8000 Series Smart TV. Please read these instructions carefully to ensure proper use and to maximize your viewing experience. Keep this manual for future reference.



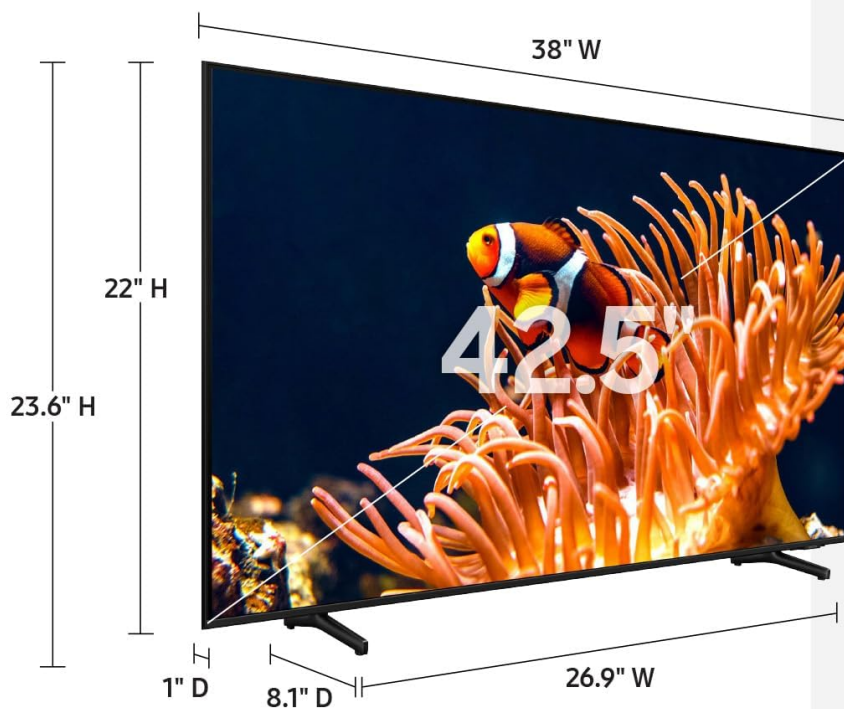
Image: Front view of the Samsung DU8000 Series TV.

2. WHAT'S IN THE BOX

Verify that all components are present before proceeding with the setup. The package should contain the following items:

- Samsung 43-Inch Class 4K Crystal UHD DU8000 Series Smart TV
- Power Cable
- User Manual (this document)
- SolarCell Remote (Model: TM2360E)
- TV Stand Components (legs and screws)

Model: 43" DU8000 Crystal UHD 4K



Dimensions:

(INCHES W x H x D):

- TV Without Stand: 38 x 22 x 1
- TV With Stand: 38 x 23.6 x 8.1
- Stand Footprint: 1.5 x 8.3 x 8.1
- Distance between the two ends of the stand: 26.9"

Stand height not shown in visual

What's in the box:

- TV
- Power Cable
- User Manual
- SolarCell remote™
TM2360E



Features and specifications subject to change.

Image: Contents of the TV package and TV dimensions.

3. SETUP

3.1 Unpacking

Carefully remove the TV from its packaging. It is recommended to have at least two people for this process to prevent damage to the screen or the TV body.

3.2 Stand Installation

1. Place the TV screen-down on a soft, flat surface to prevent scratches.
2. Align the TV stand legs with the designated slots on the bottom of the TV.
3. Secure the legs using the provided screws. Ensure they are firmly attached.

3.3 Wall Mounting (Optional)

If you plan to wall-mount your TV, refer to the wall mount kit's instructions. The Samsung DU8000 Series TV is VESA compatible. Ensure proper ventilation around the TV when wall-mounted.

3.4 Connecting Peripherals

Connect your external devices to the TV's ports. Refer to the image below for port locations.

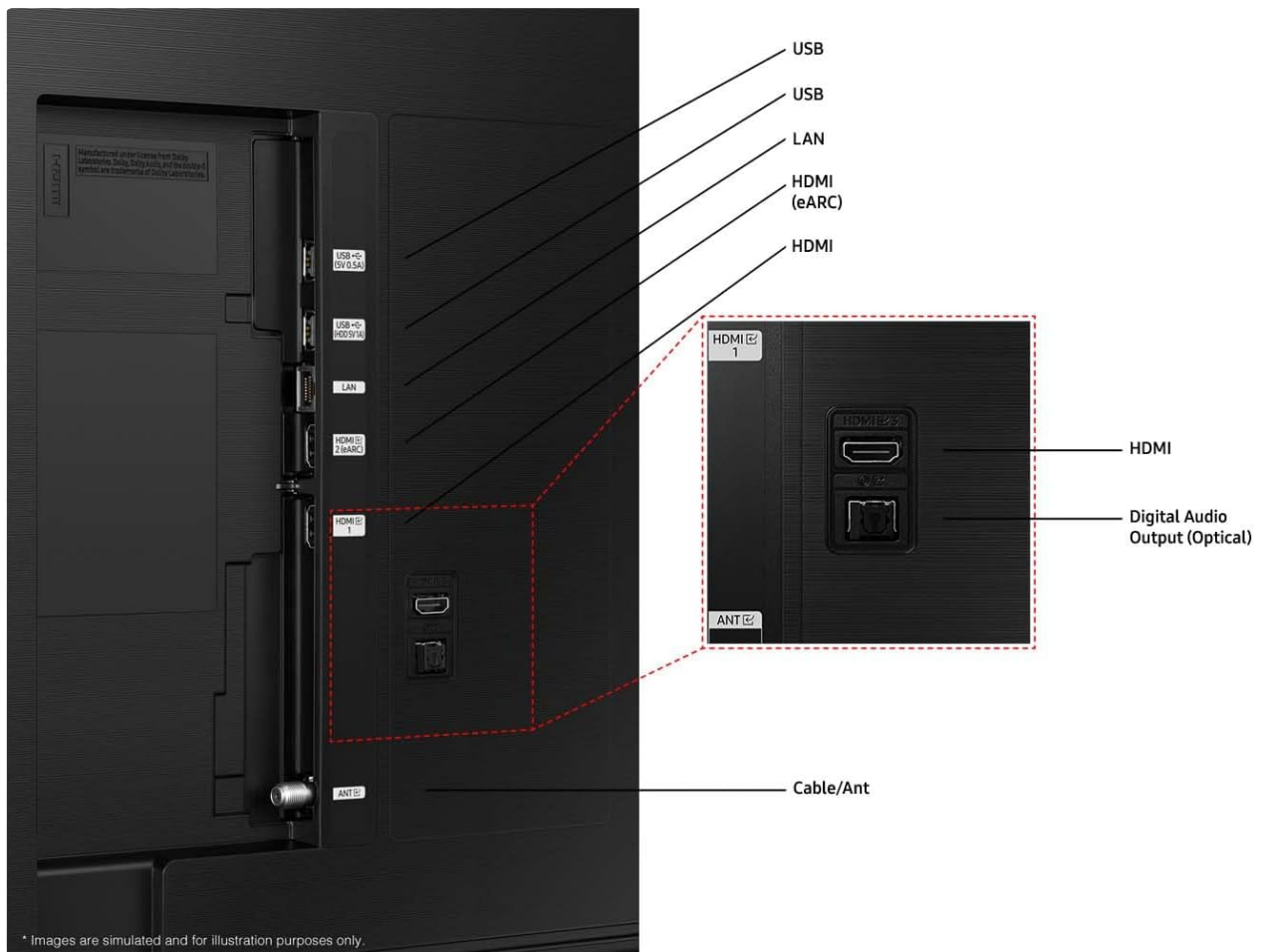


Image: Rear view of the TV with port labels.

- **HDMI Ports:** Connect Blu-ray players, game consoles, soundbars, and other HDMI-enabled devices. HDMI 2 supports eARC for enhanced audio return.
- **USB Ports:** Connect USB storage devices for media playback.
- **LAN Port:** Connect an Ethernet cable for a wired internet connection.
- **Digital Audio Output (Optical):** Connect to a sound system or soundbar for digital audio.
- **Cable/Antenna:** Connect an antenna or cable TV source.

3.5 Power On and Initial Setup

1. Connect the power cable to the TV and then to a power outlet.
2. Press the Power button on the remote control or the TV.

3. Follow the on-screen instructions to complete the initial setup, including language selection, network connection (Wi-Fi or wired), and channel scanning.
4. You may be prompted to create or log in to a Samsung Account to access all smart features and streaming apps.

4. OPERATING THE TV

4.1 SolarCell Remote Control

The TV comes with a SolarCell Remote (Model: TM2360E) that can be charged via solar energy or USB-C. It features a minimalist design with essential buttons for navigation and smart features.

- **Power Button:** Turns the TV on or off.
- **Directional Pad:** Navigates menus and content.
- **Select Button:** Confirms selections.
- **Back Button:** Returns to the previous screen.
- **Home Button:** Accesses the Smart Hub.
- **Volume/Channel Buttons:** Adjusts volume and changes channels.
- **Voice Assistant Button:** Activates the built-in voice assistant (e.g., Alexa).

4.2 Smart Hub and Tizen OS

The Samsung Tizen OS provides access to a wide range of streaming services, apps, and smart features. Press the **Home** button on your remote to open the Smart Hub.



Mega Contrast

Automatically adjusts the brightness and contrast.

Image: Samsung Tizen OS Smart Hub interface.

- **Navigation:** Use the directional pad to browse apps and content.
- **App Store:** Download additional applications from the Samsung App Store.
- **Universal Guide:** Discover recommended content across various streaming services.

4.3 Picture Settings

To adjust picture settings, navigate to **Settings > Picture**. Common settings include:

- **Picture Mode:** Choose from Standard, Dynamic, Movie, or Filmmaker Mode.
- **Brightness:** Adjust the overall luminance of the screen.
- **Contrast:** Control the difference between light and dark areas.
- **Color:** Adjust color saturation.
- **Sharpness:** Enhance edge detail.

4.4 Sound Settings

To adjust sound settings, navigate to **Settings > Sound**. Key features include:

- **Sound Mode:** Select from Standard, Adaptive Sound, or Amplify.

- **Object Tracking Sound Lite:** Experience 3D surround sound that follows on-screen movement.
- **Equalizer:** Fine-tune audio frequencies.
- **Digital Audio Output Format:** Configure for external audio devices.

4.5 Gaming Hub

The Gaming Hub provides a centralized location for cloud gaming services and connected consoles. Access it from the Smart Hub to stream games without a console or manage your gaming devices.

5. KEY FEATURES

5.1 AirSlim Design

The TV features an AirSlim design, allowing it to blend seamlessly into your living space. Its thin profile minimizes visual distraction and offers a modern aesthetic.



AirSlim

This TV blends right into your wall with a slim design.

Image: AirSlim TV mounted on a wall.

5.2 4K Upscaling

The 4K Upscaling feature enhances lower-resolution content to near-4K quality, providing a clearer and more detailed picture even for non-4K sources.



4K Upscaling

Get a clear 4K picture even if your content wasn't filmed in 4K.

Image: 4K Upscaling demonstration.

5.3 Motion Xcelerator

Motion Xcelerator technology improves motion clarity between frames, reducing lag and blur in fast-paced scenes, such as sports or action movies, for a smoother viewing experience.

Why Samsung

Five reasons our TVs are awesome:

AI Upscaling²



Content at its best

Upscale every moment. Our AI-powered TVs make all the things you watch look sharper, sound clearer and feel more real.


Endless Content



Samsung TV Plus³ • Gaming Hub⁴

Stream hundreds of live channels, thousands of free movies and shows and thousands of top-tier games—no console required.

Connectivity



SmartThings⁵

With your Samsung TV as the hub, SmartThings connects your smart home devices across brands.

Planet and People



Sustainability • Accessibility

We value what you value—from packaging and energy-efficiency to accessibility features that help everyone enjoy the content they love.

Security



Powered by Knox

Peace of mind while you watch—with security that protects your personal data across all connected devices at once.

¹Global No.1 Source - Omdia, Jan 2024. Results are not an endorsement of Samsung. Any reliance on these results is at the party's own risk. ²Utilizes AI-Based formulas. ³Samsung Account required for network-based smart services, including streaming apps and other smart features. Separate [connected] computer, mobile or other device may be necessary to create/log in to Samsung Account (free to download and create). Without Account log in, only external device connections (e.g., via HDMI) and terrestrial/over-the-air TV (only for TVs with tuners) available. ⁴High speed internet connection, additional gaming service subscriptions and compatible controller required.

Image: Motion Xcelerator in action.

5.4 Mega Contrast

Mega Contrast automatically adjusts brightness and contrast levels to enhance the depth and detail of images. This feature reduces the difference between light and dark areas, making objects on screen more prominent.



Motion Xcelerator

Experience clear motion and improved clarity.

Image: Mega Contrast effect on a city scene.

5.5 Dynamic Crystal Color

Dynamic Crystal Color delivers a wide spectrum of colors, producing over one billion shades. This results in more nuanced and lifelike colors, enhancing the overall picture quality.



Image: Dynamic Crystal Color rendering.

5.6 HDR (High Dynamic Range)

HDR technology expands the range of light and dark in a scene, revealing more detail and a broader spectrum of colors. Brightness and contrast are optimized in every frame for a more immersive viewing experience.





Image: HDR effect on a landscape.

5.7 Crystal Processor 4K

The Crystal Processor 4K is the TV's intelligent engine that optimizes picture quality. It automatically transforms movies and shows with 3D color mapping and Adaptive Sound, upgrading content to dazzling 4K resolution.



Dynamic Crystal Color

One billion shades of color produce greater detail.

Image: Crystal Processor 4K enhancement.

6. MAINTENANCE

6.1 Cleaning the TV

- **Screen:** Gently wipe the screen with a soft, dry microfiber cloth. For stubborn smudges, slightly dampen the cloth with water or a specialized screen cleaner (do not spray directly onto the screen).
- **Body:** Wipe the TV frame and stand with a soft, dry cloth. Avoid using abrasive cleaners or solvents.

6.2 Software Updates

To ensure optimal performance and access to the latest features, regularly check for and install software updates. Navigate to **Settings > Support > Software Update** to check for available updates or enable automatic updates.

7. TROUBLESHOOTING

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

| Problem | Possible Solution |
|----------------------------------|---|
| TV does not turn on. | Check if the power cable is securely connected to the TV and the power outlet. Ensure the outlet is functional. Try a different power outlet. |
| No picture or distorted picture. | Check cable connections to external devices (HDMI, antenna). Ensure the correct input source is selected. Try restarting the TV and connected devices. |
| No sound or low sound. | Check the volume level. Ensure external audio devices are properly connected and powered on. Check sound output settings in the TV menu. |
| Remote control not working. | Ensure the remote is charged (SolarCell remote). Point the remote directly at the TV. Try pairing the remote again if it's a Bluetooth remote. |
| Cannot connect to Wi-Fi. | Check if your router is on and functioning. Restart your router and modem. Re-enter the Wi-Fi password carefully. Try a wired (LAN) connection if possible. |

8. SPECIFICATIONS

| Feature | Detail |
|--------------------------------|---|
| Brand | Samsung |
| Model Number | UN43DU8000FXZA |
| Screen Size | 43 Inches |
| Display Technology | UHD (Crystal Display) |
| Resolution | 4K (3840 x 2160) |
| Refresh Rate | 60 Hz |
| Processor | Crystal Processor 4K |
| Operating System | Samsung Tizen OS |
| Special Features | AirSlim Design, 4K Upscaling, Motion Xcelerator, Dynamic Crystal Color, HDR10+, Contrast Enhancer, Filmmaker Mode, Object Tracking Sound Lite, Gaming Hub, Alexa Built-in |
| Connectivity | Bluetooth, Wi-Fi, HDMI (eARC), USB, LAN, Digital Audio Output (Optical) |
| Speaker Type | 2CH |
| Power Consumption (On-mode) | 75 watts |
| Product Dimensions (W x H x D) | 38" x 23.6" x 8.1" (with stand) |
| Item Weight | 19.2 Pounds |

9. WARRANTY AND SUPPORT

For warranty information and technical support, please visit the official Samsung website or contact Samsung customer service. You can find detailed support resources, FAQs, and contact options at www.samsung.com/us/support/.

Please have your TV's model number (UN43DU8000FXZA) and serial number ready when contacting support.