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Hitachi 24HE2202

Hitachi 24HE2202 Smart Android TV User Manual

Model: 24HE2202

1. Introduction

This user manual provides detailed instructions for the setup, operation, and maintenance of your Hitachi 24HE2202 Smart Android TV. Please read this manual thoroughly before using your television to ensure proper and safe operation. Keep this manual for future reference.



Figure 1.1: Hitachi 24HE2202 Smart Android TV (Front View)
This image displays the front of the Hitachi 24HE2202 television, highlighting its 24-inch screen. The screen shows a vibrant landscape with hot air balloons, overlaid with icons indicating key features such as Netflix, YouTube, Satellite S2 Tuner, Bluetooth, and 12 Volt

compatibility. The Hitachi logo is visible at the bottom center of the bezel.

2. Safety Information

Always adhere to the following safety precautions to prevent electric shock, fire, or damage to the television:

- Do not expose the TV to rain or moisture.
- Do not block ventilation openings.
- Do not place the TV on an unstable cart, stand, tripod, bracket, or table.
- Protect the power cord from being walked on or pinched.
- Unplug the TV during lightning storms or when unused for long periods.
- Refer all servicing to qualified service personnel.

3. Package Contents

Verify that all items are included in the box:

- Hitachi 24HE2202 Smart Android TV
- Remote Control
- Power Supply Unit (PSU)
- Stand (2 pieces)
- Screws for Stand Assembly
- User Manual (this document)

4. Setup

4.1 Physical Setup

Before connecting your TV, ensure it is placed on a stable surface or securely mounted.

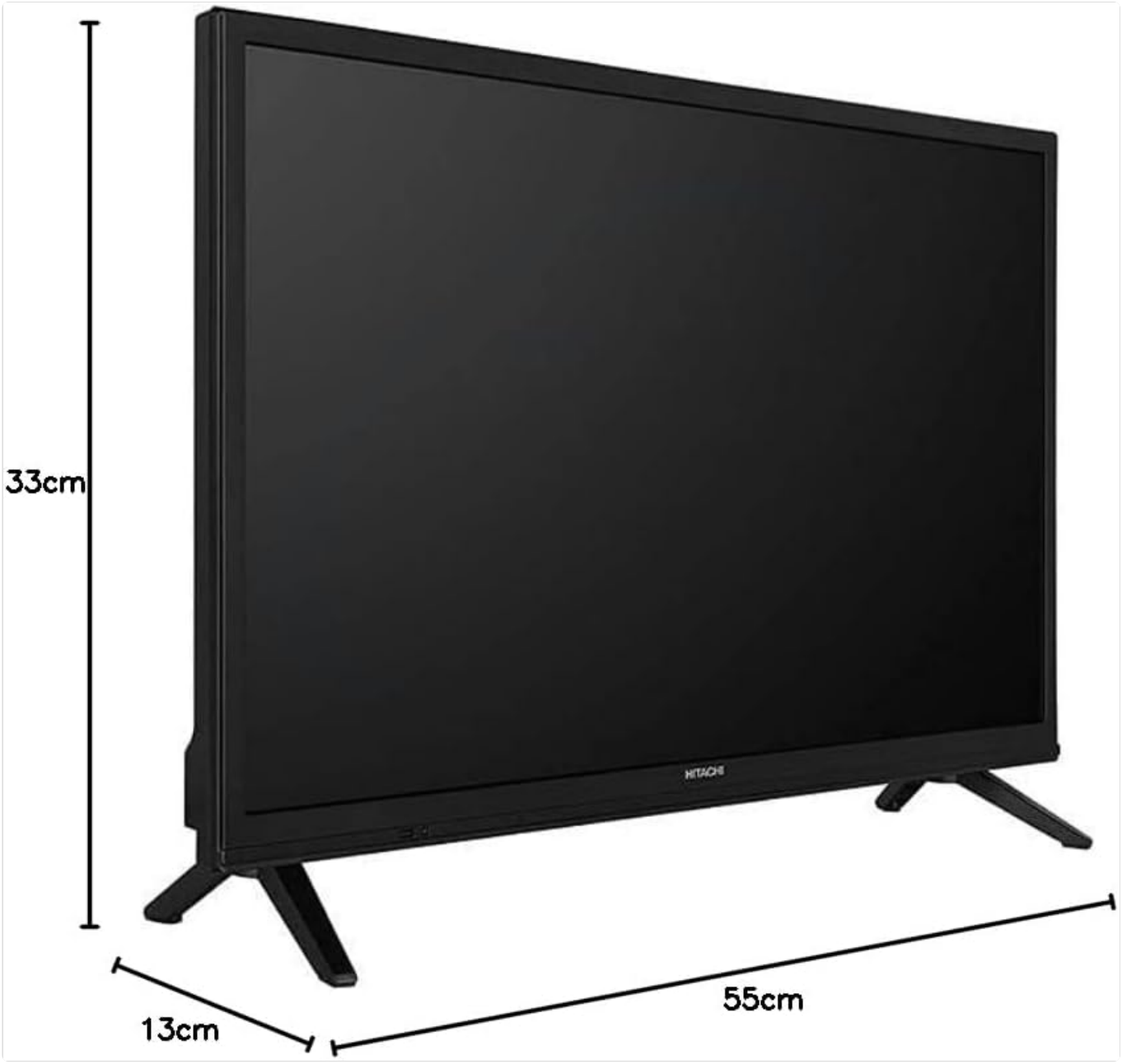


Figure 4.1: TV Dimensions

This image provides a visual representation of the Hitachi 24HE2202 TV's dimensions. It shows the TV from a slightly angled front view with clear labels indicating its height as 33cm, width as 55cm, and depth as 13cm, including the stand. These measurements are crucial for placement and installation planning.

Assembling the Stand:

1. Carefully place the TV face down on a soft, clean surface to prevent screen damage.
2. Align the stand pieces with the corresponding slots on the bottom of the TV.
3. Secure the stands using the provided screws.

Wall Mounting (Optional):

The TV supports VESA wall mounts (75 x 75 mm M4). Consult a professional for wall mounting to ensure safety and proper installation.

4.2 Connecting Devices

Connect your external devices to the appropriate ports on the TV.



Figure 4.2: Rear Ports

This image shows the back panel of the Hitachi 24HE2202 TV, detailing the arrangement of its various input and output ports. Visible connections include HDMI, USB, antenna input, and audio ports, providing a clear guide for connecting external devices.



Figure 4.3: Side Ports
This image provides a close-up view of the side of the Hitachi 24HE2202 TV, specifically highlighting the conveniently located USB ports and other accessible side connections. This perspective is useful for understanding the TV's connectivity options from a different angle.

- **Power:** Connect the PSU to the TV's power input and then to a wall outlet (12V or 220V compatible).
- **HDMI:** Use HDMI cables to connect devices like Blu-ray players, game consoles, or set-top boxes to the HDMI ports (3 available).
- **USB:** Connect USB drives for media playback or PVR recording to the USB 2.0 port (1 available).
- **Antenna/Satellite:** Connect your terrestrial or satellite antenna cable to the DVB-T2/S2/C/T2 input.
- **Other Ports:** The TV also features S-Video, VGA, Network (Ethernet), Analog Audio Output, and CI+ input.

4.3 Initial Setup Wizard

Upon first power-on, the TV will guide you through the initial setup process:

1. **Language Selection:** Choose your preferred language.
2. **Network Setup:** Connect to your Wi-Fi network or use an Ethernet cable for a wired connection.
3. **Google Account Sign-in:** Sign in with your Google account to access Android TV features and apps.
4. **Channel Scan:** Perform an automatic channel scan for DVB-T2, DVB-S2, or DVB-C channels.
5. **Time Zone:** Set your local time zone.

5. Operating Instructions

5.1 Remote Control Overview

Familiarize yourself with the remote control buttons for easy navigation.



Figure 5.1: Remote Control

This image presents a clear, frontal view of the Hitachi Smart Android TV remote control. All buttons are distinctly visible and labeled, including the power button, number pad, navigation arrows, volume and channel controls, and dedicated shortcut buttons for popular streaming services like Netflix and YouTube.

- **Power Button:** Turns the TV on or off.
- **Number Buttons:** Select channels directly.
- **Volume +/-:** Adjusts the volume level.
- **Channel +/-:** Changes channels sequentially.
- **Input/Source:** Selects the input source (HDMI, AV, TV).
- **Navigation Buttons (Up/Down/Left/Right/OK):** Navigate menus and select options.
- **Back/Exit:** Returns to the previous screen or exits the current menu.
- **Home:** Accesses the Android TV home screen.
- **Netflix/YouTube:** Direct access buttons for these streaming services.

5.2 Basic TV Functions

- **Power On/Off:** Press the Power button on the remote or the TV.
- **Channel Selection:** Use the Channel +/- buttons or number buttons.
- **Volume Control:** Use the Volume +/- buttons.
- **Input Source Selection:** Press the Input/Source button and select the desired source (e.g., HDMI 1, TV).

5.3 Smart TV Features (Android TV)

Your Hitachi TV runs on Android TV, providing access to a wide range of apps and services.



Figure 5.2: Android TV Interface

This image shows the Hitachi 24HE2202 TV screen displaying the Android TV home interface. The screen is populated with various app icons, including Netflix and YouTube, organized for easy access. A search bar is visible at the top, and the 'androidtv' and 'Chromecast built-in' logos are displayed below the television, indicating its smart capabilities.

- **Home Screen:** Press the Home button on the remote to access the Android TV home screen, which displays your installed apps, recommended content, and settings.
- **App Access:** Navigate to the 'Apps' section to browse and launch pre-installed applications like Netflix, YouTube, and Prime Video. You can also download more apps from the Google Play Store.
- **Chromecast Built-in:** Use Chromecast to cast content from your compatible smartphone, tablet, or computer directly to the TV.
- **Voice Search:** Use the voice search feature (if available on your remote) to quickly find content or control the TV.

5.4 Media Playback

The TV supports playback of various media formats from USB storage devices.

- Insert a USB drive into the USB port.
- Navigate to the Media Player app on the Android TV home screen.
- Select the desired media type (photos, videos, music) and browse your files.
- Supported formats include WMA, MP4, MPG, MOV, WAV, WMV, MKV, FLV, VOB, JPEG, BMP, and AVI.

5.5 Tuner Functions

- **Digital TV (DVB-T2/S2/C/T2):** Access digital terrestrial, satellite, or cable channels.
- **PVR (USB Recording):** Record live TV programs to a connected USB storage device. Refer to the on-screen menu for PVR setup and operation.
- **HbbTV:** Access interactive services provided by broadcasters (if available in your region).

5.6 Bluetooth Connectivity

Connect Bluetooth-enabled devices such as headphones or speakers to your TV.

- Go to Settings on the Android TV home screen.
- Select 'Remote & Accessories' or 'Bluetooth'.
- Enable Bluetooth and search for available devices.
- Select your device from the list to pair.

6. Maintenance

6.1 Cleaning the TV

- Always unplug the TV before cleaning.
- Use a soft, dry cloth to wipe the screen and cabinet.
- For stubborn marks, lightly dampen the cloth with water or a mild, non-abrasive cleaner specifically designed for electronics.
- Do not spray cleaners directly onto the TV.

6.2 Software Updates

Ensure your TV's software is up to date for optimal performance and new features.

- Connect the TV to the internet.
- Go to Settings > Device Preferences > About > System update.
- Follow the on-screen prompts to check for and install updates.

7. Troubleshooting

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

Problem	Possible Cause	Solution
No power	Power cord disconnected; no power from outlet.	Check power cord connection; test outlet with another device.
No picture, but sound is present	Incorrect input source selected; external device issue.	Press Input/Source button to select correct source; check external device connection.
No sound, but picture is present	Volume muted or too low; audio cable disconnected.	Unmute volume or increase level; check audio cable connections.
Remote control not working	Batteries depleted; obstruction between remote and TV.	Replace batteries; remove any obstructions.
Wi-Fi connection issues	Incorrect password; router issues; TV too far from router.	Re-enter password; restart router; move TV closer to router or use wired connection.
Slow performance / App crashes	Too many apps running; insufficient memory.	Close unused apps; clear cache; perform a factory reset if necessary (data will be lost).

8. Specifications

Feature	Specification
Model Name	24 HE2202
Screen Size	24 Inches (61 cm)
Display Technology	LED
Resolution	1366 x 768 pixels (HD Compatible)
Refresh Rate	50 Hz / 100 Hz (BPR)
Operating System	Android TV
Connectivity	Wi-Fi, Bluetooth, 3x HDMI (V1.4), 1x USB 2.0, VGA, S-Video, Network (Ethernet), CI+, Analog Audio Out
Tuner Types	DVB-T2, DVB-S, DVB-T, DVB-C, DVB-S2
Response Time	9.5 Milliseconds
Contrast Ratio	3000:1
Viewing Angle	178 Degrees

Feature	Specification
Power Consumption (Operating)	22 kWh / 1000 hours
Power Consumption (Standby)	0.5 W
Dimensions (with stand)	55.3 cm x 36.9 cm x 13.2 cm
Weight	3.45 kg
VESA Wall Mount	75 x 75 mm M4

9. Warranty and Support

Your Hitachi 24HE2202 Smart Android TV comes with a standard manufacturer's warranty. Please refer to the warranty card included in your product packaging for specific terms and conditions.
For technical support, troubleshooting assistance beyond this manual, or warranty claims, please contact Hitachi customer service or visit the official Hitachi support website. Keep your purchase receipt and product serial number handy when contacting support.

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