Akai Professional AKTV2412T

Akai AKTV2412T 24-inch HD LED TV Instruction Manual

Model: AKTV2412T

1. Introduction

Thank you for purchasing the Akai AKTV2412T 24-inch HD LED TV. This manual provides essential information for the safe and efficient use of your television. Please read these instructions thoroughly before operating the device and retain them for future reference.

Safety Information

- Ensure the television is placed on a stable surface to prevent it from falling.
- Do not expose the TV to rain or moisture to avoid fire or electric shock hazards.
- Do not block ventilation openings. Ensure adequate space around the TV for proper airflow.
- Only use attachments/accessories specified by the manufacturer.
- Unplug the TV during lightning storms or when unused for long periods.

2. Product Overview

The Akai AKTV2412T is a 24-inch HD LED TV featuring an integrated DVB-T2 H.265 HEVC digital receiver. It offers a resolution of 1366 x 768 pixels, a 16:9 aspect ratio, and a dynamic contrast of 30000:1. This model also includes a Hotel Function, making it suitable for various viewing environments.

Rear View and Connections



Figure 2.1: Rear panel of the Akai AKTV2412T TV.

The rear panel of the television provides access to essential connection ports. These include the antenna input for DVB-T2 reception, HDMI ports for connecting external devices like Blu-ray players or gaming consoles, and a USB port for media playback. The power input is also located on the rear.

Side View and Controls



Figure 2.2: Side panel of the Akai AKTV2412T TV with controls and ports.

The side panel of the TV features additional controls and ports for convenient access. These typically include volume control buttons (VOL+, VOL-), channel selection buttons (CH+, CH-), a menu button, a source input selection button, and the power button. Additional USB and HDMI ports may also be present on the side for easy connection of temporary devices.



Figure 2.3: Close-up of the side control buttons.

The side buttons provide direct control over basic TV functions without the remote control. From top to bottom, these typically include Volume Up, Volume Down, Channel Up, Channel Down, Menu, Source, and Power.

3. Setup

3.1 Unpacking

1. Carefully remove the TV from its packaging.
2. Check for any damage during transit. If damaged, do not operate and contact your retailer.

3. Ensure all accessories are present: remote control, power cable, stand components, and user manual.

3.2 Attaching the Stand

If you intend to place the TV on a flat surface, attach the provided stand:

1. Place the TV face down on a soft, clean cloth to prevent screen damage.
2. Align the stand base with the mounting holes on the bottom of the TV.
3. Secure the stand using the screws provided. Do not overtighten.

3.3 Wall Mounting

The Akai AKTV2412T supports VESA standard wall mounting (100 x 100 mm). Use a compatible wall mount bracket (sold separately) and follow the instructions provided with the bracket. Ensure the wall can support the weight of the TV and the mount.

3.4 Connecting Peripherals

- **Antenna:** Connect a DVB-T2 compatible antenna cable to the 'ANT IN' port on the rear of the TV.
- **HDMI Devices:** Connect devices such as a set-top box, DVD/Blu-ray player, or game console to the HDMI ports. This model has 1 HDMI port.
- **USB Devices:** Insert a USB flash drive into the USB port for media playback. This model has 1 USB 2.0 port.
- **Power:** Connect the power cable to the TV's power input and then to a suitable wall outlet (220 Volt, 50 Hz).

4. Operating Instructions

4.1 First Time Setup

Upon first power-on, the TV will guide you through an initial setup process. This typically includes:

1. **Language Selection:** Choose your preferred language.
2. **Country Selection:** Select your region for correct channel tuning.
3. **Channel Scan:** The TV will automatically scan for available digital DVB-T2 channels. This may take several minutes.

4.2 Basic Functions

- **Power On/Off:** Press the POWER button on the remote control or the side panel.
- **Volume Control:** Use VOL+ / VOL- buttons to adjust the volume.
- **Channel Selection:** Use CH+ / CH- buttons to change channels sequentially, or the numeric buttons on the remote for direct access.
- **Source Selection:** Press the SOURCE button to cycle through available input sources (e.g., DTV, HDMI1, USB).
- **Menu:** Press the MENU button to access the on-screen display (OSD) menu for picture, sound, and other settings.

4.3 Using the Remote Control

The remote control requires a CR2032 battery. Insert the battery according to the polarity markings inside the battery compartment. Point the remote control directly at the TV's remote sensor for optimal operation.

4.4 DVB-T2 Digital TV

Your TV is equipped with an integrated DVB-T2 tuner supporting HEVC Main 10 encoding. After completing the channel scan, you can access digital terrestrial channels. Use the Program Guide (EPG) function (if available via remote) to view

broadcast schedules.

4.5 Media Playback via USB

Insert a USB flash drive containing compatible media files (e.g., photos, music, videos) into the USB port. Select the USB source from the input menu. The TV's media player interface will appear, allowing you to browse and play your files.

4.6 Hotel Mode

The Hotel Function allows for specific settings to be locked or preset, such as maximum volume, default channel, or input source. This feature is primarily for use in hospitality environments. Refer to the advanced settings menu for Hotel Mode configuration, typically accessed via a specific remote control sequence.

5. Maintenance

5.1 Cleaning the Screen

To clean the screen, first unplug the TV from the power outlet. Gently wipe the screen with a soft, dry, lint-free cloth. For stubborn marks, lightly dampen the cloth with water or a specialized screen cleaner. Never spray liquid directly onto the screen.

5.2 General Care

- Keep the TV away from direct sunlight and heat sources.
- Avoid placing heavy objects on top of the TV.
- Do not use abrasive cleaners or solvents on any part of the TV.
- Ensure proper ventilation to prevent overheating.

6. Troubleshooting

If you encounter issues with your TV, please consult the following common problems and solutions before contacting customer support.

Problem	Possible Cause / Solution
No power	Check if the power cable is securely connected to the TV and the wall outlet. Ensure the outlet has power.
No picture, but sound is present	Check the input source selection. Ensure external devices are powered on and connected correctly.
No sound, but picture is present	Check the volume level and mute status. Ensure audio cables are connected correctly for external devices.
Remote control not working	Replace the CR2032 battery. Ensure there are no obstructions between the remote and the TV's sensor.
Poor DVB-T2 reception	Check antenna connection. Adjust antenna position. Perform a new channel scan.

7. Technical Specifications

Feature	Specification
Model Name	AKTV2412T
Screen Size	24 inches (61 cm)
Display Technology	LED
Resolution	1366 x 768 pixels (HD)
Aspect Ratio	16:9
Refresh Rate	120 Hz
Brightness	250 cd/m²
Dynamic Contrast Ratio	30000:1
Viewing Angle	160 degrees
Tuner	Integrated DVB-T2 H.265 HEVC Main 10
HDMI Ports	1
USB Ports	1 (USB 2.0)
Component Input	1
Audio Output	Digital, 2.0 channels (Basic speakers)
Power Supply	220 Volt, 50 Hz
VESA Mounting Standard	100 x 100 mm
Remote Control Battery	CR2032
Weight	3.25 kg
Color	Black

8. Warranty Information

This Akai AKTV2412T television comes with a **2-year warranty** from the date of purchase. Please retain your proof of purchase for warranty claims. The warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or external factors.

9. Customer Support

For further assistance, technical support, or service inquiries, please visit the official Akai Professional website or contact their customer service department. Contact details and support resources can typically be found on the manufacturer's official website or in the warranty documentation provided with your product.

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