

Acer V246HL

Acer V246HL 24-inch LED LCD Monitor User Manual

Model: V246HL (UM.FV6AA.003)

1. INTRODUCTION

This manual provides essential information for the proper setup, operation, and maintenance of your Acer V246HL 24-inch LED LCD Monitor. The Acer V246HL is a 24-inch Full HD (1920 x 1080) monitor featuring a 16:9 aspect ratio, 5 ms response time, and 250 nit brightness. It supports DVI and VGA inputs and offers an adjustable display angle for optimal viewing comfort. Please read this manual thoroughly before using your monitor.

2. SETUP

2.1 Unpacking the Monitor

Carefully remove all components from the packaging. Ensure all items listed in the package contents are present:

- Acer V246HL Widescreen LCD Monitor
- Power Cord
- 1 x VGA Cable
- 1 x DVI Cable

2.2 Assembling the Stand

Attach the monitor stand base to the stand neck, then secure the stand assembly to the back of the monitor. Ensure all screws are tightened securely. Refer to the diagram below for connecting cables.



Figure 2.2.1: Rear view of the Acer V246HL monitor showing the stand attachment point and input ports. A VGA cable is shown connected.

2.3 Connecting Cables

1. **Power Cable:** Connect the power cord to the monitor's power input and then to a grounded electrical outlet.
2. **Video Cable:**
 - For **DVI** connection: Connect one end of the DVI cable to the DVI port on the monitor and the other end to the DVI port on your computer's graphics card.
 - For **VGA** connection: Connect one end of the VGA cable to the VGA port on the monitor and the other end to the VGA port on your computer's graphics card.

Ensure all connections are secure.

2.4 Initial Power On

Press the power button on the monitor. The power indicator light should illuminate. If no image appears, ensure your computer is also powered on and sending a signal.

3. OPERATING THE MONITOR

3.1 Power On/Off

To turn the monitor on or off, press the power button located on the front or bottom bezel of the monitor.

3.2 On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various display settings. Typically, buttons on the monitor's bezel (often labeled with icons) are used to:

- Access the OSD menu.
- Navigate through menu options (Up/Down, Left/Right).
- Select options or confirm settings.
- Exit the OSD menu.

Consult the on-screen prompts for specific button functions.

3.3 Adjusting Display Settings

Within the OSD menu, you can typically adjust:

- **Brightness/Contrast:** Adjust the overall luminance and difference between light and dark areas.
- **Color Settings:** Modify color temperature, gamma, and individual RGB levels.
- **Input Source:** Manually select between DVI and VGA inputs if auto-detection fails.
- **Image Settings:** Adjust sharpness, aspect ratio, and other image-specific parameters.

3.4 Adjusting Display Angle

The Acer V246HL monitor features an adjustable display angle. Gently tilt the monitor panel forward or backward to achieve your desired viewing angle.



Figure 3.4.1: Side view of the Acer V246HL monitor demonstrating its adjustable tilt feature.

4. MAINTENANCE

4.1 Cleaning the Monitor

- **Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, lightly dampen the cloth with water or a specialized screen cleaner. Never spray liquid directly onto the screen.
- **Casing:** Use a soft, dry cloth to wipe the monitor casing. Avoid abrasive cleaners or solvents.

4.2 Safety Precautions

- Do not block ventilation openings.
- Do not expose the monitor to rain or moisture.
- Avoid placing the monitor in direct sunlight or near heat sources.
- Only use the power adapter supplied with the monitor.
- Unplug the monitor from the power outlet before cleaning or if it will be unused for an extended period.

5. TROUBLESHOOTING

5.1 No Power

- Ensure the power cord is securely connected to both the monitor and a working electrical outlet.
- Check if the power button on the monitor is pressed.
- Test the outlet with another device to confirm it has power.

5.2 No Signal / Blank Screen

- Verify that the video cable (DVI or VGA) is securely connected to both the monitor and the computer.
- Ensure the computer is powered on and not in sleep mode.
- Press the input source button on the monitor (if available) to cycle through DVI and VGA inputs.
- Try connecting the monitor to another computer or using a different video cable to isolate the issue.

5.3 Poor Image Quality

- Adjust brightness, contrast, and color settings via the OSD menu.
- Ensure the computer's display resolution is set to the monitor's native resolution (1920 x 1080).
- Check for bent pins on the video cable connectors.

6. SPECIFICATIONS

Feature	Specification
Model Number	UM.FV6AA.003
Screen Size	24 inches
Maximum Resolution	1920 x 1080 (Full HD)
Aspect Ratio	16:9
Response Time	5 ms
Brightness	250 Nit (cd/m ²)
Contrast Ratio	100,000,000:1 (Dynamic)
Color Supported	16.7 Million Colors
Horizontal Viewing Angle	170°
Vertical Viewing Angle	160°
Input Voltage	110 V AC / 220 V AC
Input Ports	DVI, VGA
Operating Power Consumption	20.90 W
Standby Power Consumption	450 mW
Off-Mode Power Consumption	350 mW
Environmental Certifications	TCO '06, EPEAT Gold, ENERGY STAR

7. WARRANTY AND SUPPORT

For detailed warranty information, please refer to the warranty card included with your product or visit the official Acer support website. The warranty typically covers manufacturing defects for a specified period from the date of purchase.

For technical support, driver downloads, or further assistance, please visit the Acer support portal at www.acer.com/support.

