

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [LG](#) /

› [LG 27GK750F-B 27-inch Full HD TN Gaming Monitor User Manual](#)

LG 27GK750F-B

LG 27GK750F-B 27-inch Full HD TN Gaming Monitor User Manual

Model: 27GK750F-B

INTRODUCTION

This manual provides essential information for the safe and efficient use of your LG 27GK750F-B 27-inch Full HD TN Gaming Monitor. Please read this manual thoroughly before operating the product and retain it for future reference. This monitor is designed for high-performance gaming, featuring a 240Hz refresh rate and a 2ms response time.

SETUP

Package Contents

Verify that all components are present in the package:

- LG 27GK750F-B Monitor
- Power Cable
- DisplayPort Cable
- HDMI Cable
- USB 3.0 Upstream Cable
- Instruction Manual (CD-ROM)
- Warranty Card

接続ケーブルを同梱

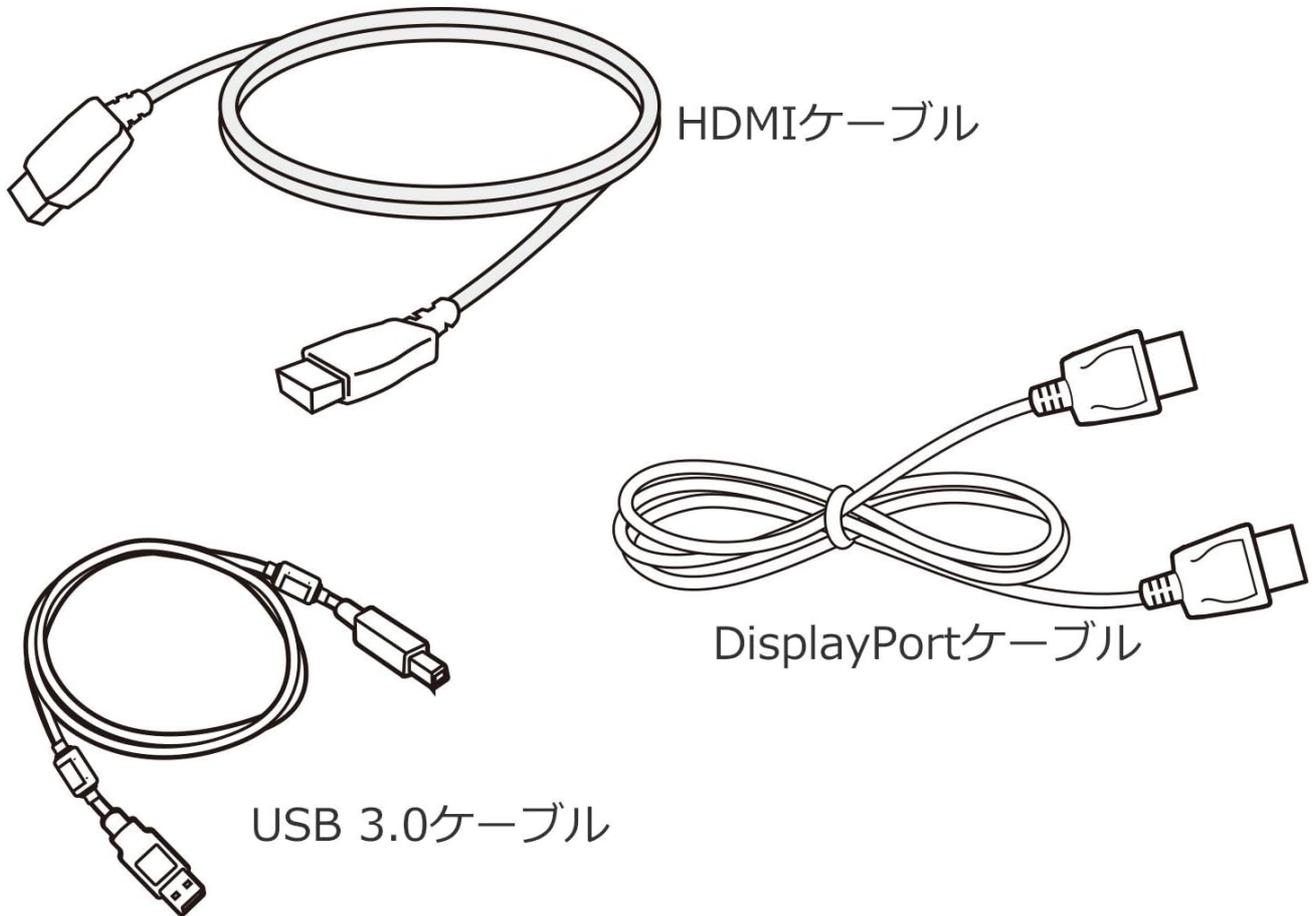


Figure 1: Included Cables. This image displays the HDMI cable, DisplayPort cable, and USB 3.0 cable that come with the monitor, essential for connecting the monitor to various devices.

Assembling the Stand

Follow the instructions in the CD-ROM manual to securely attach the stand base to the monitor panel. Ensure all screws are tightened to prevent instability.

Connecting the Monitor

Connect the monitor to your computer or other devices using the appropriate cables. The monitor supports DisplayPort and HDMI inputs.

- **DisplayPort:** Connect one end of the DisplayPort cable to the monitor's DisplayPort input and the other end to your computer's DisplayPort output.
- **HDMI:** Connect one end of the HDMI cable to one of the monitor's HDMI inputs and the other end to your computer's or device's HDMI output.
- **USB 3.0:** Connect the USB 3.0 upstream cable from the monitor to your computer to enable the monitor's USB downstream ports.
- **Headphone Output:** Connect headphones or external speakers to the headphone jack for audio output.



Figure 2: Input/Output Ports. This image illustrates the various input and output ports located on the rear of the LG 27GK750F-B monitor, including DisplayPort, HDMI, USB 3.0 upstream and downstream, and headphone output.

Power Connection

Connect the power cable to the monitor and then to a wall outlet. The monitor will automatically power on or enter standby mode.

OPERATING THE MONITOR

Power On/Off and Menu Navigation

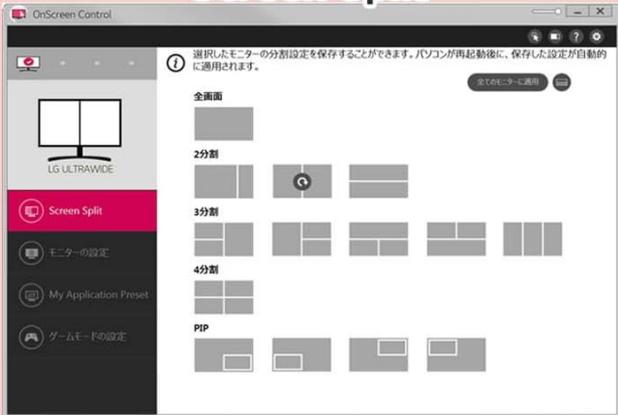
The monitor features a single joystick button for power control and menu navigation. Press the joystick button to access the On-Screen Display (OSD) menu. Move the joystick up, down, left, or right to navigate through menu options and adjust settings.

OnScreen Control Software

The LG OnScreen Control software provides an intuitive interface for adjusting monitor settings directly from your computer. Install the software from the included CD-ROM or download it from the LG website.

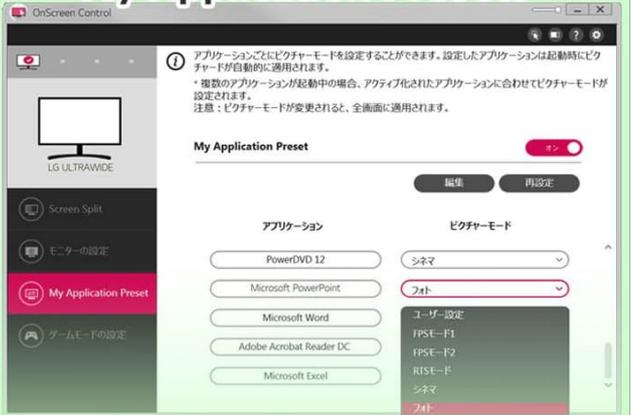
付属ソフトウェア「OnScreen Control」

Screen Split



画面上的複数のウィンドウをワンクリックで自動整列

My Application Presets



ソフトウェアそれぞれに適した画質を提供

モニターの設定



画面の基本的な設定をOS上で操作が可能

ゲームモード



ゲーミング機能をその場で設定

Figure 3: OnScreen Control Software. This image shows various screens of the LG OnScreen Control software, demonstrating features like Screen Split for window management, My Application Presets for customized settings per application, basic monitor settings, and game mode configurations.

- **Screen Split:** Arrange multiple windows on the screen with one click.
- **My Application Presets:** Apply specific picture modes and settings automatically when certain applications are launched.
- **Monitor Settings:** Adjust basic display settings such as brightness, contrast, and picture mode.
- **Game Mode Settings:** Configure gaming-specific features like FreeSync and Black Stabilizer.

KEY FEATURES

The LG 27GK750F-B monitor is equipped with several features designed to enhance your gaming experience:

- **240Hz Refresh Rate:** Provides ultra-smooth motion for fast-paced games, reducing motion blur and ghosting.
- **2ms (GTG) Response Time:** Minimizes input lag and ensures quick pixel transitions for clear, sharp images.
- **AMD FreeSync™ Technology:** Synchronizes the monitor's refresh rate with your GPU's frame rate to eliminate screen tearing and stuttering.
- **DAS Mode (Dynamic Action Sync):** Reduces input lag by minimizing the delay between your input and the on-

screen action.

- **1ms Motion Blur Reduction:** Inserts a black frame between video frames to further reduce motion blur, making fast-moving objects clearer.
- **Black Stabilizer:** Automatically adjusts brightness in dark areas, allowing you to see enemies or objects hidden in shadows.
- **Gaming Picture Modes:** Optimized display settings for various game genres.
- **Adjustable Stand:** Offers height adjustment (+110mm), tilt (Up 15°~Down -5°), and swivel (40° left/right 20°) for ergonomic viewing. Pivot functionality is also supported.

リフレッシュレート

240Hz(毎秒240回の書き換え)に対応

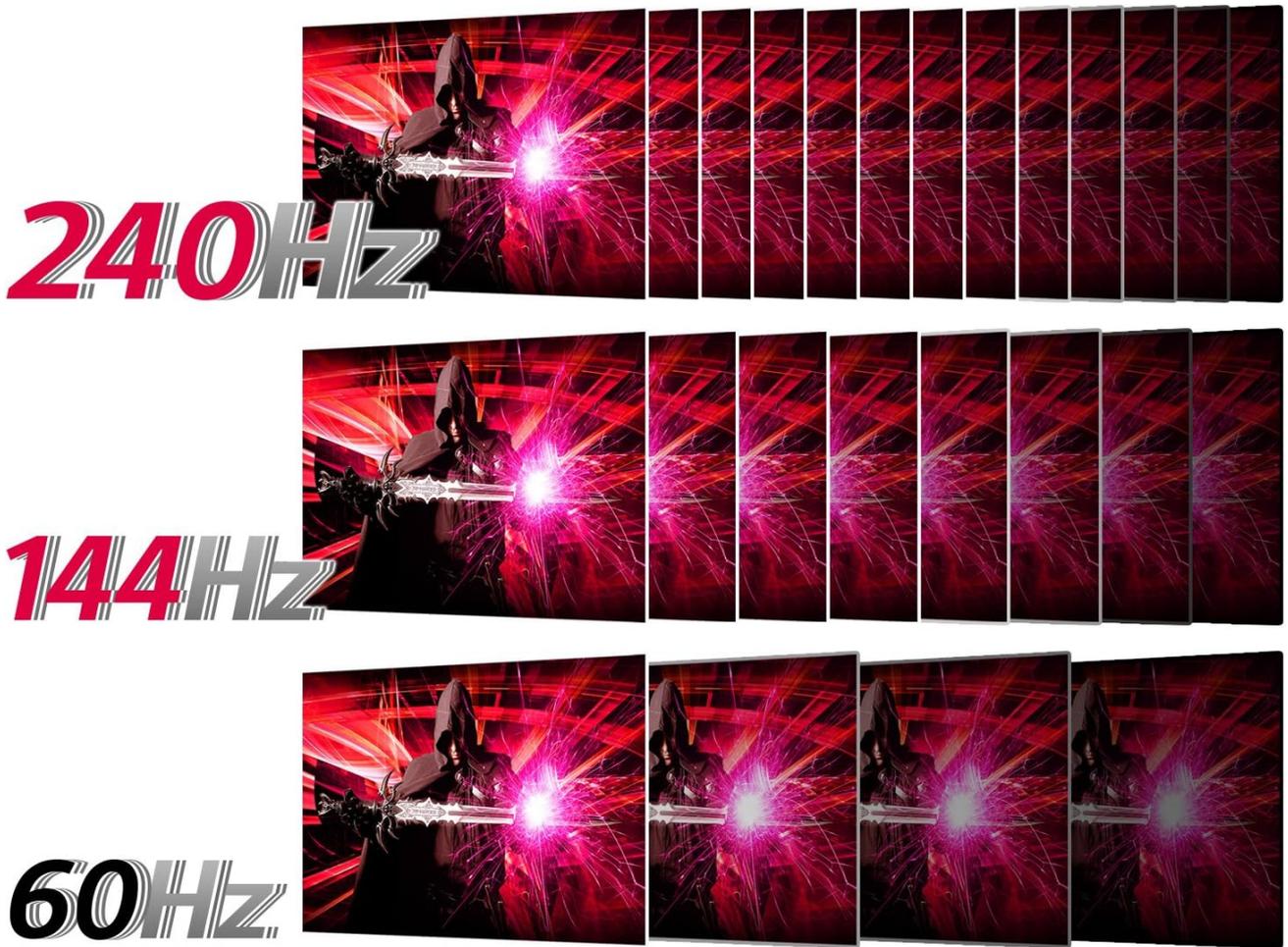


Figure 4: Refresh Rate Comparison. This image visually demonstrates the difference in smoothness between 240Hz, 144Hz, and 60Hz refresh rates, highlighting the superior fluidity of 240Hz for gaming.

充実したゲーム専用機能

- ・ リフレッシュレート 240Hz
- ・ 応答速度(GTG)2msの高速パネル
- ・ AMD FreeSync™テクノロジー
- ・ DAS(Dynamic Action Sync)モード
- ・ 1ms Motion Blur Reduction
- ・ ブラックスタビライザー
- ・ ゲーミング専用ピクチャーモード
- ・ ゲーミング特化のGUIを採用



240Hz



Figure 5: Gaming Features. This image provides an overview of the monitor's dedicated gaming features, including 240Hz refresh rate, AMD FreeSync, Dynamic Action Sync (DAS), 1ms Motion Blur Reduction, Black Stabilizer, and various stand adjustments like pivot, tilt, and swivel.

SPECIFICATIONS

Feature	Specification
Brand	LG
Model Number	27GK750F-B
Screen Size	27 inches
Panel Type	TN (Non-glare)
Resolution	1920 x 1080 (Full HD)
Aspect Ratio	16:9
Refresh Rate	240Hz
Response Time	2ms (GTG), 1ms (MBR)

Brightness	400 cd/ (Standard)
Input Terminals	2x HDMI (Ver2.0), 1x DisplayPort (Ver1.2), 1x USB3.0 Upstream, 2x USB3.0 Downstream
Audio Output	Headphone Out
Stand Adjustments	Height (+110mm), Tilt (Up 15°~Down -5°), Swivel (40°), Pivot
Wall Mount Support	Not Supported
Built-in Speakers	No
Product Dimensions (W x H x D)	625 x 466~576 x 272 mm (with stand)
Product Weight	6.35 kg (with stand)

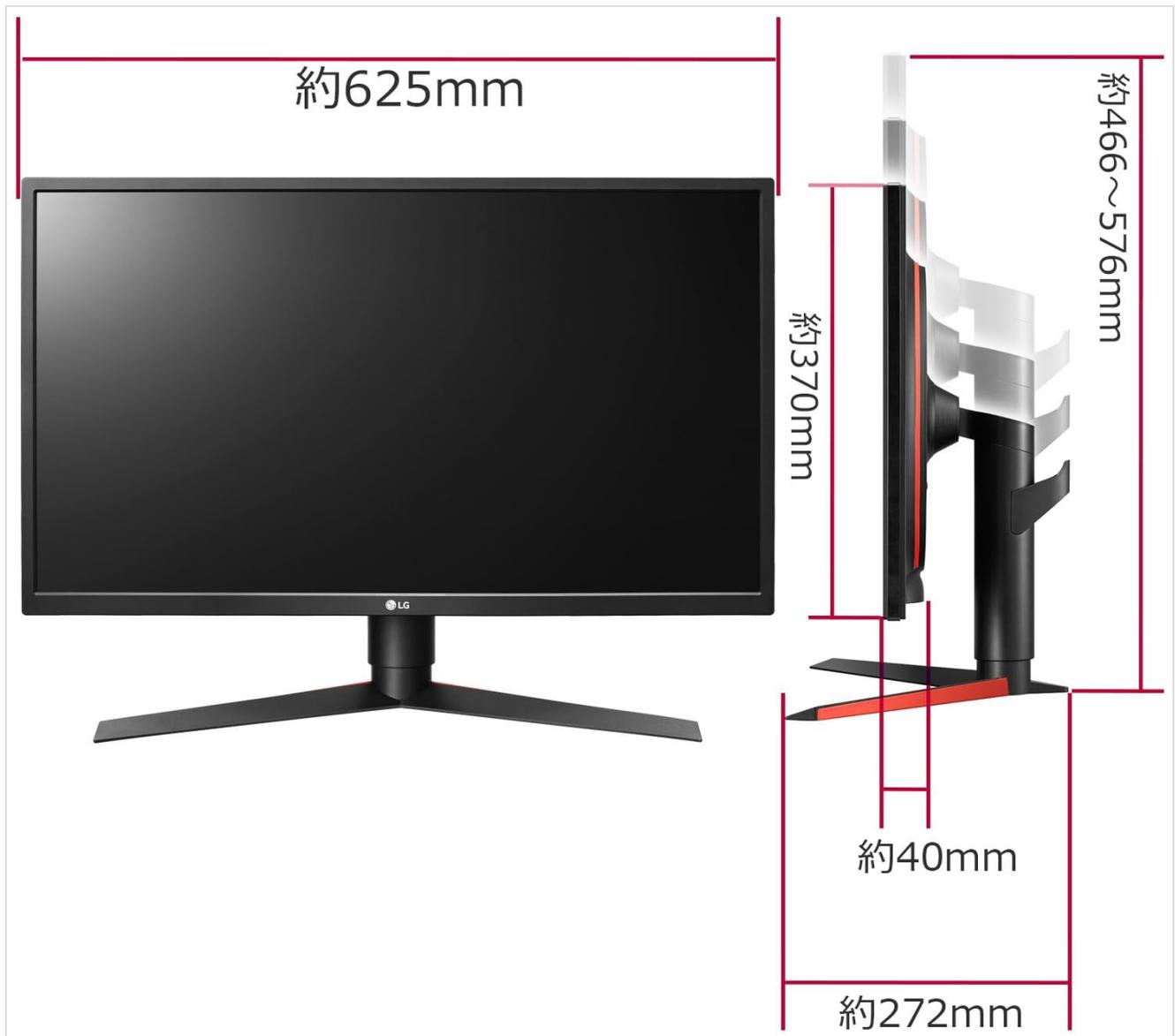


Figure 6: Monitor Dimensions and Adjustments. This image provides detailed dimensions of the LG 27GK750F-B monitor and illustrates its adjustable stand capabilities, including height, tilt, and swivel ranges.

Cleaning the Monitor

To clean the monitor screen, gently wipe it with a soft, lint-free cloth. For stubborn marks, lightly dampen the cloth with water or a mild, non-abrasive screen cleaner. Avoid using harsh chemicals, alcohol, or ammonia-based cleaners, as these can damage the screen surface. For the monitor casing, use a soft, dry cloth.

Storage

When storing the monitor for an extended period, ensure it is powered off and disconnected from the power source. Store it in a cool, dry place, away from direct sunlight and extreme temperatures. Use the original packaging if available to protect it from dust and physical damage.

TROUBLESHOOTING

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

- **No Power:**

- Ensure the power cable is securely connected to both the monitor and the power outlet.
- Check if the power outlet is functioning correctly by plugging in another device.

- **No Image on Screen:**

- Verify that the video cable (DisplayPort or HDMI) is properly connected to both the monitor and your computer.
- Ensure the correct input source is selected on the monitor's OSD menu.
- Check if your computer is powered on and not in sleep mode.

- **Image is Blurry or Distorted:**

- Adjust the resolution and refresh rate settings on your computer to match the monitor's native resolution (1920x1080) and desired refresh rate (up to 240Hz).
- Perform an auto-adjustment from the monitor's OSD menu if available.

- **Screen Tearing or Stuttering:**

- Ensure AMD FreeSync™ is enabled in both the monitor's OSD menu and your graphics card settings.
- Update your graphics card drivers to the latest version.

- **USB Ports Not Functioning:**

- Confirm that the USB 3.0 upstream cable is connected from the monitor to your computer.
- Check your computer's device manager for any USB driver issues.

For more detailed troubleshooting or persistent issues, please refer to the full instruction manual on the included CD-ROM or contact LG customer support.

WARRANTY AND SUPPORT

Warranty Information

Your LG 27GK750F-B monitor comes with a 3-year warranty. Please refer to the included Warranty Card for specific terms, conditions, and coverage details. Keep your proof of purchase for warranty claims.

Customer Support

For technical assistance, product inquiries, or service requests, please visit the official LG website or contact LG customer support in your region. Contact information can typically be found on the LG website or in the warranty documentation. Online resources often include FAQs, driver downloads, and digital versions of product manuals.