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XUNDEFINED XG27QH18B

XUNDEFINED 27-inch 1440P 180Hz Fast IPS Gaming Monitor User Manual

Model: XG27QH18B

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your XUNDEFINED 27-inch 1440P 180Hz Fast IPS Gaming Monitor. Please read this manual thoroughly before using the product to ensure proper functionality and to maximize your experience.



Image 1.1: The XUNDEFINED 27-inch 1440P 180Hz Fast IPS Gaming Monitor.

2. PACKAGE CONTENTS

Verify that all items are present in the package:

- 27-inch Monitor Panel x 1
- Monitor Stand x 1
- DisplayPort Cable x 1
- HDMI Cable x 1
- Power Adapter x 1 (not explicitly listed but implied for operation)
- User Manual x 1

3. SETUP INSTRUCTIONS

3.1. Assembling the Monitor Stand

1. Carefully remove the monitor panel from its packaging, placing it face down on a soft, clean surface to prevent scratches.
2. Attach the stand neck to the monitor panel using the provided screws.

3. Connect the stand base to the stand neck, securing it with the designated screw.
4. Ensure all connections are firm before placing the monitor upright.

3.2. VESA Mounting (Optional)

The monitor supports VESA 75x75mm mounting for use with compatible monitor arms or wall mounts. Remove the stand if already attached, and secure the monitor to your VESA mount using appropriate screws (not included).



Image 3.1: Rear view of the monitor showing VESA mount points and port locations.

3.3. Connecting Cables

Connect the necessary cables to the corresponding ports on the monitor and your computer or console:

- **Power:** Connect the power adapter to the DC port on the monitor and then to a power outlet.
- **Video Input:** Use either the provided DisplayPort cable (for up to 2560x1440 @ 180Hz) or HDMI cable (for up to 2560x1440 @ 144Hz) to connect your device. The monitor has 2x HDMI 2.0 ports and 2x DisplayPort 1.4 ports.
- **Audio Output:** If using external speakers or headphones, connect them to the 3.5mm audio out port.

EXCELLENT 3-SIDE BORDERLESS EDGE



Image 3.2: Multiple connection options for various devices.

4. OPERATING THE MONITOR

4.1. Basic Controls

The monitor features a joystick control located on the rear for easy navigation of the On-Screen Display (OSD) menu and quick access functions.

- **Power ON/OFF:** Press the joystick button to turn the monitor on or off.
- **OSD Menu:** Press the joystick button to open the OSD menu. Move the joystick up/down/left/right to navigate.
- **Input Source:** Move the joystick in a specific direction (refer to OSD for exact mapping) to quickly change input sources.
- **Game Mode/Crosshair:** Specific joystick movements can activate predefined game modes or crosshair overlays.

COMPATIBLE WITH MULTIPLE GAMING CONSOLES



Image 4.1: Monitor joystick controls and their functions.

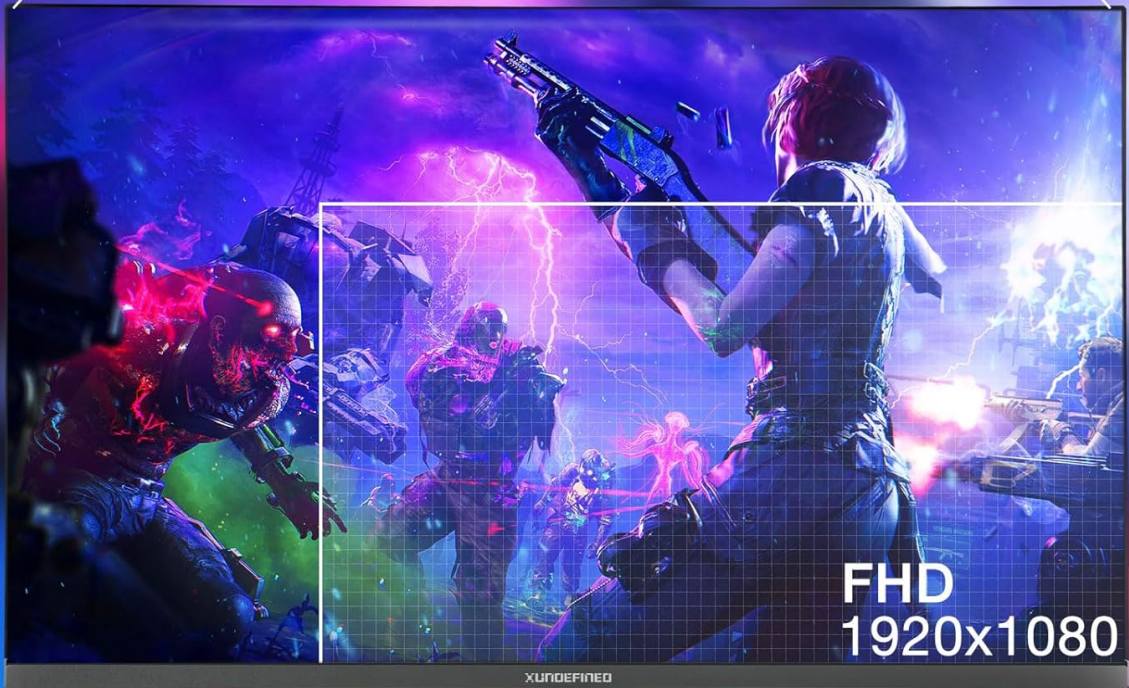
4.2. Display Settings and Features

The monitor offers various settings to optimize your viewing and gaming experience:

- **Resolution and Refresh Rate:** Enjoy a QHD (2560x1440) resolution with a high refresh rate of up to 180Hz via DisplayPort or 144Hz via HDMI. This provides sharp details and smooth motion.

27 INCH QHD MONITOR

2560X1440



MORE
DETAILS



LARGER
SCENE

Image 4.2: Visual comparison of QHD (2560x1440) and FHD (1920x1080) resolutions.

- **Adaptive Sync (FreeSync Premium & G-SYNC Compatible):** This technology synchronizes the monitor's refresh rate with your GPU's frame rate, eliminating screen tearing and stuttering for a fluid gaming experience.

XBOX & PS5 COMPATIBLE

Experience stunning visuals for next-gen consoles



Image 4.3: Adaptive Sync in action, reducing tearing and ghosting.

- **Color Accuracy and HDR10:** The Fast IPS panel offers 125% sRGB color gamut and 16.7 million colors, ensuring vibrant and accurate visuals. HDR10 support enhances contrast and color depth for compatible content.

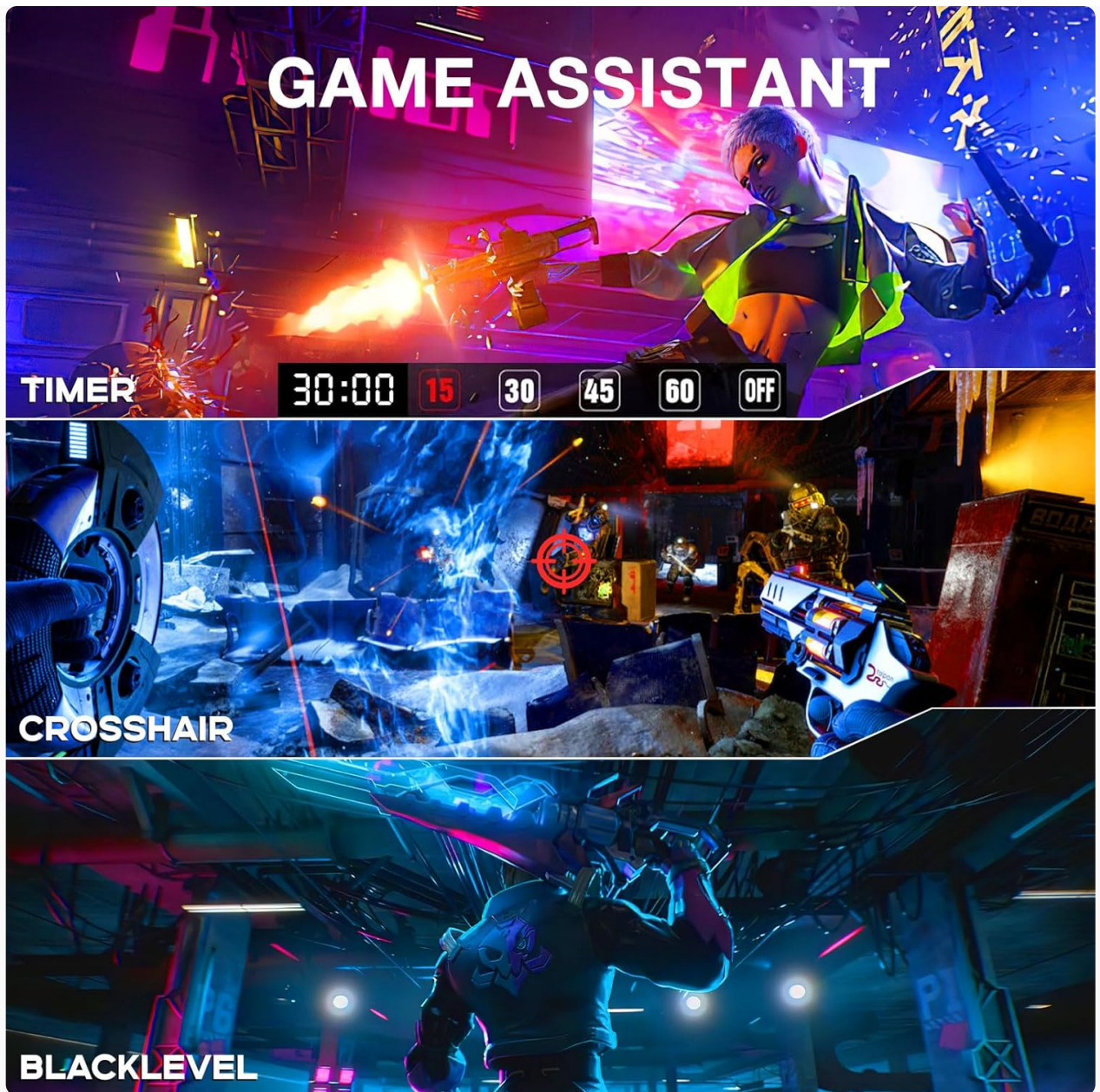


Image 4.4: Monitor color and brightness specifications.

- **1ms (GtG) Response Time:** A rapid 1ms Gray-to-Gray response time minimizes motion blur and ghosting, crucial for fast-paced gaming.
- **Low Blue Light & Flicker-Free:** Features designed to reduce eye strain during extended use by minimizing harmful blue light emissions and screen flickering.

4.3. Gaming Assistant Features

Enhance your gaming with built-in tools:

- **Timer:** An on-screen timer helps track in-game events.
- **Crosshair:** Customizable crosshair overlays provide an aiming advantage.
- **Black Equalizer:** Adjusts gamma levels in dark areas to reveal hidden details without overexposing bright scenes.



Image 4.5: Examples of Game Assistant features.

4.4. Audio

The monitor includes integrated speakers for convenience. For higher fidelity audio, external speakers or headphones connected via the 3.5mm audio out port are recommended.

4.5. Multi-Monitor Setup

The monitor's virtually bezel-free design on three sides facilitates seamless multi-monitor configurations, enhancing immersion and productivity.

VESA MOUNTABLE

Seamless integration with monitor arms, wall mounts, and multi-display configurations, tidy your desktop



Image 4.6: Example of a dual-monitor setup.

5. MAINTENANCE

To ensure the longevity and optimal performance of your monitor, follow these maintenance guidelines:

- **Cleaning the Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, use a screen-cleaning solution specifically designed for monitors, applied to the cloth, not directly to the screen.
- **Cleaning the Casing:** Use a soft, dry cloth to clean the monitor casing. Avoid abrasive cleaners or solvents.
- **Ventilation:** Ensure the monitor's ventilation openings are clear and not obstructed to prevent overheating.
- **Handling:** Avoid placing heavy objects on the monitor or applying excessive pressure to the screen.
- **Power Off:** Always power off the monitor when not in use for extended periods.

6. TROUBLESHOOTING

If you encounter issues with your monitor, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
No image on screen	Monitor is off; Incorrect input source; Loose video cable; Computer/console not outputting signal.	Press the power button; Select the correct input source via the joystick; Reconnect video cables securely; Ensure computer/console is powered on and configured correctly.
Screen flickering or tearing	Adaptive Sync (FreeSync/G-SYNC) is off or not enabled on GPU; Video cable issue; GPU driver outdated.	Enable Adaptive Sync in the monitor OSD and your GPU control panel; Try a different video cable; Update GPU drivers.
Poor speaker audio quality or low volume	Volume too low; Audio source issue; Integrated speakers have limited fidelity.	Adjust monitor volume via OSD; Check audio settings on your connected device; Consider using external speakers or headphones for improved audio.
Monitor does not turn on or respond to computer signal consistently	Power saving mode conflict; Software glitch; Power cable issue.	Ensure power cable is securely connected; Try cycling the monitor power off and on multiple times; Check for firmware updates (if available); If persistent, contact support.
Image is blurry or distorted	Incorrect resolution setting; Auto-adjustment needed.	Set the display resolution to its native 2560x1440; Use the auto-adjust function in the OSD if available.

If the problem persists after attempting these solutions, please contact XUNDEFINED customer support.

7. SPECIFICATIONS

Feature	Specification
Screen Size	27 Inches
Panel Type	Fast IPS
Resolution	2560 x 1440 Pixels (QHD Wide 1440p)
Refresh Rate	Up to 180Hz (DisplayPort), Up to 144Hz (HDMI)
Response Time	1ms (GtG)
Aspect Ratio	16:9
Color Gamut	125% sRGB
Color Support	16.7 Million Colors
Brightness	300 Candela (nits)
Contrast Ratio	1000:1 (Dynamic Contrast Ratio)
HDR Support	HDR10
Adaptive Sync	FreeSync Premium, G-SYNC Compatible
Connectivity	2x HDMI 2.0, 2x DisplayPort 1.4, 3.5mm Audio Out, DC Power
Speakers	Built-in
VESA Mount	75 x 75mm
Tilt Adjustment	-5° to +15°
Product Dimensions	4.02 x 26.57 x 16.93 inches
Item Weight	11.13 pounds
Model Number	XG27QH18B

8. WARRANTY AND SUPPORT

Your XUNDEFINED 27-inch 1440P 180Hz Fast IPS Gaming Monitor is backed by a **2-year warranty** and a **90-day replacement policy**. This ensures that your monitor performs flawlessly under normal use.

For technical support, troubleshooting assistance, or warranty claims, please contact XUNDEFINED customer support. Refer to the contact information provided with your purchase or visit the official XUNDEFINED website for support details.