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> [Acer SA270G0bi 27-inch IPS Full HD Monitor User Manual](#)

## Acer SA270G0bi

# Acer SA270G0bi 27-inch IPS Full HD Monitor User Manual

Model: SA270G0bi

## 1. INTRODUCTION

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This manual provides essential information for the safe and efficient use of your Acer SA270G0bi 27-inch IPS Full HD Monitor. Please read it thoroughly before operating the device and keep it for future reference.

## 2. SAFETY INFORMATION

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- **Power Source:** Use only the power adapter supplied with the monitor. Ensure the power outlet is properly grounded.
- **Placement:** Place the monitor on a stable, flat surface. Avoid direct sunlight, heat sources, and areas with high humidity or dust.
- **Ventilation:** Do not block ventilation openings. Allow adequate space around the monitor for proper airflow.
- **Cleaning:** Disconnect the power cord before cleaning. Use a soft, dry cloth. Avoid liquid cleaners or aerosol sprays.
- **Liquid and Foreign Objects:** Do not allow liquids or foreign objects to enter the monitor. If this occurs, immediately unplug the monitor and contact service personnel.
- **Eye Comfort:** Take regular breaks to reduce eye strain. Adjust screen brightness and contrast to a comfortable level.

## 3. PACKAGE CONTENTS

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Verify that all items are present in your package:

- Acer SA270G0bi Monitor
- Monitor Stand (Round Base)

- Power Cord
- HDMI Cable
- Mini D-Sub (VGA) Cable
- User Manual (this document)

## 4. SETUP

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### 4.1 Assembling the Monitor Stand

1. Carefully remove the monitor and stand components from the packaging.
2. Attach the stand neck to the monitor panel. Ensure it clicks securely into place.
3. Attach the round base to the stand neck. Tighten the screw at the bottom of the base to secure it.

### 4.2 Connecting Cables

Connect the necessary cables to your monitor and computer:

- **Power Cable:** Connect the power cord to the monitor's power input and then to a grounded electrical outlet.
- **Video Cable:** Connect either an HDMI cable or a Mini D-Sub (VGA) cable from your computer's video output to the corresponding input on the monitor.

## 本体寸法/端子



■ チルト角 上15°/下5°

■ ステレオスピーカー/ヘッドホン端子は非搭載です。

Image: Rear view of the Acer SA270G0bi monitor showing dimensions and available ports. It features one HDMI 1.4 port and one Mini D-Sub 15-pin port. The monitor has a tilt angle of 15 degrees up and 5 degrees down. Please note that this model does not include built-in speakers or a headphone jack.

## 4.3 Powering On

Press the power button located on the monitor to turn it on. The monitor will automatically detect the active input source.

## 5. OPERATING THE MONITOR

### 5.1 On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various monitor settings. Use the buttons on the monitor (usually located on the bottom right or rear) to navigate the menu.

#### Common OSD Settings:

- **Brightness/Contrast:** Adjust the overall luminance and contrast of the display.
- **Color Settings:** Modify color temperature, gamma, and individual RGB levels.
- **Input Source:** Manually select between HDMI and Mini D-Sub inputs.

- **Picture Mode:** Select predefined display modes (e.g., Standard, ECO, Game, Movie).

## 5.2 Key Features

- **IPS Panel:** Enjoy vibrant colors and wide viewing angles (178° horizontal/vertical) with the Full HD (1920x1080) IPS panel. The non-glare surface reduces reflections.

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# IPSディスプレイ



**IPS**  
In-Plane Switching

**FULL HD**  
1920X1080

フルHD(1920×1080)

水平178° / 垂直178° で広い可視角度

非光沢パネル

※写真はイメージです。

Image: The Acer SA270G0bi monitor highlighting its IPS display technology, Full HD (1920x1080) resolution, wide 178-degree viewing angles, and non-glare panel for comfortable viewing.

- **120Hz Refresh Rate & 1ms VRB:** Experience smoother visuals with a 120Hz refresh rate and a rapid 1ms Visual Response Boost (VRB) to reduce motion blur and ghosting.

# 120Hz、VRB機能搭載



VRBオフ

リフレッシュレート120Hz



VRBオン

Visual Response Boost (VRB)搭載

ゴーストやにじみを軽減

動きの速いシーンでのぼやけを軽減

※写真はイメージです。

Image: A comparison demonstrating the effect of Visual Response Boost (VRB) on the Acer SA270G0bi monitor. The left side shows VRB off with more motion blur, while the right side shows VRB on, resulting in clearer images during fast-moving scenes.

- **AdaptiveSync:** Synchronizes the monitor's refresh rate with your graphics card's frame rate to eliminate screen tearing and stuttering.
- **Zero Frame Design:** The ultra-thin bezel design maximizes screen space and is ideal for multi-monitor setups.

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# スペース効率の良い超薄型



フレームを極限まで薄くしたゼロ・フレームデザインを採用。

※写真はイメージです。

Image: Side and front view of the Acer SA270G0bi monitor, illustrating its ultra-thin profile and Zero Frame design, which minimizes the bezel for an expansive viewing experience.

- **Acer VisionCare™:** Technologies like Flicker-less, Blue Light Shield, and Low Dimming are integrated to help reduce eye fatigue during prolonged use.

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## 目に優しい機能を搭載



Acer VisionCare™

フリッカーレス、ブルーライトシールド、Acerローディミング技術等を含む、Acerビジョンケア技術により、目の疲れを軽減。

※写真はイメージです。

Image: The Acer SA270G0bi monitor displaying a city skyline, with an overlay indicating Acer VisionCare™ technology. This feature includes Flicker-less, Blue Light Shield, and Acer Low Dimming technologies designed to reduce eye strain.

### 5.3 Acer Display Widget

The Acer Display Widget software allows for intuitive control of monitor settings directly from your PC. Download and install the application to access various display modes and split-screen functions.

# PCから直観的操作

## Acer Display Widget



アプリケーションをダウンロードすることで、  
表示モードや分割など、PCから各種設定が可能。

※写真はイメージです。

Image: Screenshot of the Acer Display Widget interface, showing options for Visual Modes (sRGB, Reading, Darkroom, User, Standard, ECO, Graphic, Movie), Visual Sync, and Split Screen settings, allowing PC-based control of the monitor.

## 6. MAINTENANCE

### 6.1 Cleaning the Monitor

- Always unplug the monitor from the power outlet before cleaning.
- Use a soft, lint-free cloth slightly dampened with water to clean the screen. Avoid using alcohol-based cleaners, solvents, or abrasive materials.
- For the monitor casing, use a soft, dry cloth.

## 7. TROUBLESHOOTING

Problem	Possible Solution
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Problem	Possible Solution
No image on screen	Ensure the power cable is securely connected. Check if the video cable (HDMI/D-Sub) is properly connected to both the monitor and the computer. Press the monitor's power button. Select the correct input source via the OSD menu.
Image is blurry or distorted	Check the video cable connection. Ensure the display resolution and refresh rate are set correctly in your computer's display settings. For D-Sub connections, use the OSD's auto-adjust function.
Colors are incorrect	Adjust color settings (brightness, contrast, color temperature) in the OSD menu. Reset the monitor to factory default settings.
Monitor flickers	Ensure the refresh rate is set correctly. Enable Acer VisionCare's Flicker-less feature if available. Check for external interference.

## 8. SPECIFICATIONS

Feature	Detail
Model Name	SA270G0bi
Panel Size	27 inches
Panel Type	IPS, Non-glare
Resolution	Full HD (1920 x 1080 pixels)
Aspect Ratio	16:9
Refresh Rate	120Hz (HDMI), 56-75Hz (Mini D-Sub)
Response Time	1ms (VRB)
Viewing Angle	178° (H) / 178° (V)
Display Colors	Approx. 16.77 million colors
Input Terminals	1 x HDMI 1.4, 1 x Mini D-Sub 15-pin
Speakers	Not equipped
Headphone Jack	Not equipped
Dimensions (W x D x H)	61.2 x 21.2 x 44.7 cm
Weight	3.5 kg
Tilt Angle	Up 15°, Down 5°

## 9. WARRANTY AND SUPPORT

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For product support, warranty information, and frequently asked questions, please visit the official Acer support page:

[Acer Support Page](#)

Support business hours: 10:00 - 19:00, 365 days a year (excluding company-designated holidays).