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> KOORUI 27-inch 4K Monitor User Manual

## KOORUI KR-N07

# KOORUI 27-inch 4K Monitor User Manual

Model: KR-N07

Brand: KOORUI

## 1. INTRODUCTION

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Thank you for purchasing the KOORUI 27-inch 4K Monitor. This monitor is designed to provide a superior visual experience for both professional and personal use, featuring a high-resolution IPS panel, HDR10 support, and eye-care technologies. This manual will guide you through the setup, operation, and maintenance of your new monitor.

## 2. SAFETY INFORMATION

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- Read all instructions carefully before using the monitor.
- Do not expose the monitor to rain or moisture to prevent fire or shock hazards.
- Do not open the monitor casing. There are no user-serviceable parts inside. Refer all servicing to qualified service personnel.
- Place the monitor on a stable, flat surface to prevent it from falling.
- Ensure proper ventilation around the monitor. Do not block ventilation openings.
- Use only the power adapter supplied with the monitor.
- Unplug the monitor from the power outlet during lightning storms or when unused for long periods.

## 3. PACKAGE CONTENTS

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Please check the package contents to ensure all items are present:

- KOORUI 27-inch 4K Monitor (KR-N07)
- Monitor Stand
- Power Adapter
- HDMI 2.0 Cable
- User Manual (this document)

## 4. SETUP

### 4.1. Assembling the Stand

Carefully remove the monitor and stand components from the packaging. Attach the stand base to the stand neck, then secure the assembled stand to the back of the monitor using the provided screws. Ensure all connections are firm.

### 4.2. Connecting Cables

Connect the power adapter to the monitor's power input and then to a power outlet. Use the included HDMI 2.0 cable to connect your PC or other device to one of the HDMI ports on the monitor. Alternatively, you can use a DisplayPort cable (not included) to connect to the DP port.



Image: Rear view of the KOORUI KR-N07 monitor, illustrating its dimensions and the location of its input ports (2x HDMI 2.0, 1x DisplayPort 1.4, 1x Audio Out). The image also shows VESA mount compatibility (100x100mm).

## 5. OPERATING THE MONITOR

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### 5.1. Power On/Off

Press the power button located on the bottom right of the monitor to turn it on or off.

### 5.2. Input Selection

Use the OSD (On-Screen Display) menu buttons to navigate and select the desired input source (HDMI1, HDMI2, or DP).

### 5.3. Picture Settings

Access the OSD menu to adjust various picture settings:

- **Brightness/Contrast:** Adjust the overall luminance and contrast ratio.
- **Color Temperature:** Select from preset color temperatures or customize RGB values.
- **HDR (High Dynamic Range):** Enable or disable HDR mode for enhanced contrast and color.
- **EyeCare:** Activate features like Blue Light Reduction and Flicker-Free technology to reduce eye strain.
- **Gaming Modes:** Select specific modes like RTS (Real-Time Strategy) or FPS (First-Person Shooter) for optimized gaming visuals.
- **Adaptive Sync:** Enable Adaptive Sync for smoother gameplay by synchronizing the monitor's refresh rate with your graphics card's frame rate.

# より明るく、よりリアルな画面を実現する

HDR10対応IPS大画面モニター映像視聴、ゲーム、  
仕事に役立つ各種機能を搭載



Image: A visual comparison demonstrating the difference between SDR (Standard Dynamic Range) OFF and HDR (High Dynamic Range) ON modes on the KOORUI monitor, highlighting improved brightness and contrast with HDR enabled.

# 一日中スムーズにゲームと仕事が楽しめ、長時間の視聴でも目の疲れにくく、負担も少なくなります。

(鑑賞モード、アイケアモード、RTS、FPSモードに切り替える)



ブルーライトカット機能が搭載



Image: A scene showing children using the KOORUI monitor, emphasizing the blue light reduction feature designed to minimize eye fatigue during prolonged viewing.

## 6. MAINTENANCE

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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, dampen the cloth slightly with water or a non-abrasive screen cleaner. Do not spray liquid directly onto the screen.
- **Cleaning the Casing:** Use a soft, dry cloth to clean the monitor casing. Avoid using strong detergents or abrasive cleaners.
- **Ventilation:** Ensure the ventilation openings on the monitor are not blocked by dust or debris. Regularly clean them with a soft brush or compressed air.
- **Storage:** If storing the monitor for an extended period, unplug it and store it in a cool, dry place, preferably in its original packaging.

## 7. TROUBLESHOOTING

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

Problem	Possible Cause / Solution
No 4K (2160p) display.	<p>The HDMI cable may not support 4K output. Check the following:</p> <ol style="list-style-type: none"><li>1. Is the HDMI/DP cable properly connected?</li><li>2. Are you using the HDMI cable included with the KOORUI monitor?</li><li>3. If using your own cable, does it support HDMI 2.0 or DP1.2 or higher for 4K output?</li><li>4. Does your PC's graphics card support 4K output?</li></ol> <p>If the issue persists, contact customer service.</p>
How many HDMI ports are there?	<p>There are 2 HDMI 2.0 ports and 1 DP 1.4 port. (HDMI 2.0 supports 1080P/1440P/2160P+60HZ; DP port supports 1080P/1440P/2160P+60HZ.)</p>
Can I use it for PS4/PS5?	<p>Yes, it can be used for PS4 and PS5, but it is not recommended for PC display (it is perfectly suitable for professional work tasks).</p>
Does it have built-in speakers?	<p>No, it does not have built-in speakers, but it has an audio output port for external speakers.</p>
Black vertical lines appear. Is it a malfunction?	<p>This is due to the refresh rate exceeding 60Hz. Return the refresh rate to 60Hz, and the black vertical lines will disappear.</p>
Black screen appears. Is it a malfunction?	<p>If you cannot resolve this issue with the checklist below, please contact customer service.</p> <ol style="list-style-type: none"><li>1. Input source check: Check if the selected HDMI or DP input is 4K compatible.</li><li>2. Resolution and refresh rate: Check the display's resolution and refresh rate settings. Try lowering the resolution and refresh rate to see if the problem is resolved.</li></ol>

**Q1 :** なぜ 4 K (2160P) 解像度を表示しないのですか。

**A :** 4K 出でない場合に、HDMI ケーブルは 4K 出力対応不可の原因比率が高いです。

下記のチェックリストにより解決できない場合、カスタマーサービスと連絡ください。

1. HDMI と DP の接口はきちんと接続されていますか。
2. ケーブルは koorui 付属したケーブルを使用していますか。
3. 他のケーブルを使用する場合は、HDMI 2.0 または DP1.2 以上し 4k の出力に対応できますか。
5. PC の信号源デバイスが 4k の出力に対応できますか。

**Q2:**HDMI 端子はいくつありますか。

**A :** HDMI ポート \*2 と DP1.4\*1 がございます。

(HDMI2.0 ポートは 1080P/1440P/2160P+60HZ 対応 ;  
DP ポートは 1080P/1440P/2160P+60HZ 対応。)

**Q3:**PS4 と PS5 を接続して 4 K ゲームをするために使用できますか？

**A :** PS4 と PS5 などには使用できますが、pc ディスプレイには使用はお勧めしません。

( 専門仕事作業に完璧適用いただけます。 )

**Q4 :** スピーカーが内蔵されていますか？

**A :** スピーカーを搭載しておりませんが、オーディオ出力ポートがあるので、外接いただけます。

**Q5 :** 黒い垂直線が出た、故障ですか？

**A :** 最大リフレッシュレート (60Hz) を上回るの原因で、  
60Hz に戻ると、黒い垂直線が消えられます。

**Q6:** 黒い画面が出た、故障ですか？

**A :** 下記のチェックリストにより解決できない場合、カスタマーサービスと連絡ください。

1. 入力ソースの監視 : ご選択した入力ソース、HDMI や DP などは 4K 対応できるかと設定メニューをチェックください。
2. 解像度とリフレッシュレート : pc とディスプレイの解像度とリフレッシュレートの設定を確認します。適切な値に設定されていることを確認します。解像度やリフレッシュレートを下げて、問題が解決できるかどうかを試してみましょう。

**KOORUI**

**Q & A**

Image: A visual representation of the KOORUI Q&A section, providing answers to frequently asked questions regarding monitor setup, connectivity, and display issues.

## 8. SPECIFICATIONS

Feature	Specification
Brand	KOORUI
Model Number	KR-N07
Screen Size	27 Inches
Display Type	IPS Panel
Resolution	4K UHD (3840 x 2160 pixels)
Refresh Rate	60Hz

Feature	Specification
Response Time	4ms (OD)
Brightness	350 cd/m <sup>2</sup>
Color Depth	1.07 Billion Colors
Contrast Ratio	1000:1 (Static)
Color Gamut	90% DCI-P3
Viewing Angle	178° (Horizontal/Vertical)
HDR Support	HDR10
Eye Care Features	Blue Light Reduction, Flicker-Free (TUV Rheinland certified)
Connectivity	2 x HDMI 2.0, 1 x DisplayPort 1.4, 1 x Audio Out
VESA Mount Compatibility	100 x 100 mm
Product Dimensions (WxHxD)	Approx. 613 x 362 x 43 mm (without stand)
Product Weight	3.65 kg (monitor only), 5.78 kg (with stand)

# KOORUI 4Kモニター 27 インチ

IPS

IPSパネル

UHD

3840x2160

100%  
SRGB

100% sRGB

90%  
DCI-P3

90% DCI-P3

178°

広い視野角

60Hz

リフレッシュ  
レート

4ms

反応時間

目の保護

目の保護

VESA

100\*100mm



HDR 10対応



Image: An infographic detailing the key specifications and features of the KOORUI 4K monitor, such as its IPS panel, UHD resolution, color gamut, refresh rate, response time, and eye-care technologies.

# 高画質の4K映像を表現します

4K画質は、より高い画質、より豊かなディテール、より現実的なビジュアルを提供します。加えて178度の広視野角、自然な色調のIPSパネルが4Kの映像美をいっそう引き立てます。

**4K UHD**

3840\*2160



**FHD 1920\*1080**

**4K UHD 3840\*2160**

Image: A visual comparison demonstrating the superior image quality and detail of 4K UHD (3840x2160) resolution compared to FHD (1920x1080) on the monitor.

# 豊かで真の色の再現

IPSパネルには、90%の「DCI-P3」をカバーする映画仕様が  
装備されており、本物で繊細な画像を再現します

**90%**

DCI-P3カバー率

**1000:1**

静的コントラスト比

**20000000:1**

ダイナミックコントラスト

**107M**

色の表示

**300nit**

平均的な明るさ



Image: A detailed diagram explaining the monitor's color reproduction capabilities, highlighting its 90% DCI-P3 coverage, 1000:1 static contrast ratio, 20,000,000:1 dynamic contrast, 1.07 billion color display, and 300 nit average brightness.

## 9. WARRANTY AND SUPPORT

### 9.1. Warranty Information

The KOORUI monitor screen (LCD panel) is covered by a **1-year warranty**. All other included accessories are covered by a **3-year warranty**. If a display defect occurs within 30 days of purchase, you may return it for free by contacting Amazon. For issues arising after 30 days, please contact KOORUI official technical support.

If the product malfunctions under normal use and environment, and KOORUI technical support determines it is a malfunction, we will provide service from a repair center in Japan. Please note that shipping costs to the repair center are borne by the customer, while KOORUI will cover the return shipping costs after repair.

### 9.2. Technical Support

For any technical issues or inquiries, please contact our support team:

- **Email:** [JP.support@Koorui.net](mailto:JP.support@Koorui.net) (Response within 24 hours)

- **Phone:** +81-5050506642 (Hours: 10:00-13:00; 14:30-19:00 JST, Monday-Friday)

Please have your model number (KR-N07) and a detailed description of the issue ready when contacting support.

### 9.3. PC Recycling

KOORUI monitors are eligible for free collection and recycling through the PC 3R program. Please contact PC 3R for details on how to apply for recycling.