

DECOGEAR®

49" OLED Curved Ultrawide Monitor



SKU: DG49OLED240



World-class monitors, customer-first approach.

About Deco Gear

We believe that cutting-edge technology should be accessible to everyone. We're dedicated to designing and delivering high-quality monitors and peripherals that elevate your everyday experiences—whether you're a professional, a gamer, or simply enjoying the finer things in life.

Who We Are

Deco Gear is more than just a brand; we're a team of tech enthusiasts, creators, and innovators who are passionate about enhancing the way you interact with technology. Since our inception, our mission has been to provide top-tier products that combine performance, style, and value. We understand that in today's fast-paced world, you need gear that keeps up with your lifestyle without breaking the bank.

Our Promise

Quality and customer satisfaction are at the heart of everything we do. We're committed to delivering products that meet and exceed your expectations. Every Deco Gear product is backed by our 1-Year Manufacturer Warranty, ensuring that you can purchase with confidence. Our responsive customer service team is always ready to assist you, making sure that your experience with Deco Gear is nothing short of exceptional.

Visit **[decogear.com](https://www.decogear.com)** for more product support.



Precaution

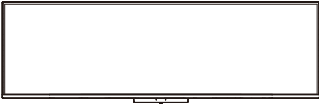
Before using this product, please read this User Manual carefully

- Keep the monitor away from water sources or damp places, such as bathrooms, kitchens, basements and swimming pools.
- Make sure the monitor is placed on a flat surface. If the monitor falls down, it may cause injury or device damage.
- Store and use the monitor in a cool, dry and well ventilated place, and keep it away from emission and heat sources.
- Do not cover or block the vent hole in the rear casing, and do not use the product on a bed, sofa, blanket or similar objects.
- The range of the supply voltage of the monitor is printed on the label on the rear casing. If it is impossible to determine the supply voltage, please consult the distributor or local power company.
- If the monitor will not be used for a long period, please cut off the power supply to avoid electric shock in rainy days and damage due to abnormal supply voltage.
- Please use a reliable grounded socket, Do not overload the socket, or it may cause fire or electric shock.
- Do not put foreign matters into the monitor, or it may cause short circuits resulting fire or electric shock.
- Do not disassemble or repair this product by self to avoid electric shock. If faults occur, please contact the after-sales service directly.
- Do not pull or twist the power cable forcedly.
- There is a polarizer layer (not a protective film) on the surface of the screen. Do not peel it off, or the product may be damaged and the warranty will be invalid.

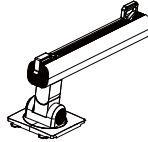
Package Content

Packing list

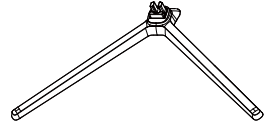
- Please check that the package of the monitor contains all parts. If any part is lost, please contact the distributor.
- The color and shape of parts may vary with models. Figures in this User Manual are for reference only.
- Cables supplied may vary with purchased products. Figures in this User Manual are for reference only.



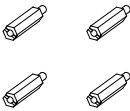
Display screen



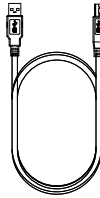
Stand



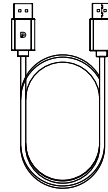
Base



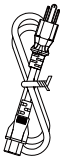
Mount studs x 4



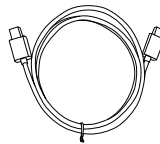
USB A-B cable



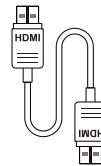
DP cable



Power cord



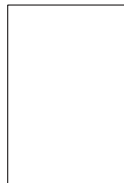
TYPE-C cable



HDMI cable



User manual

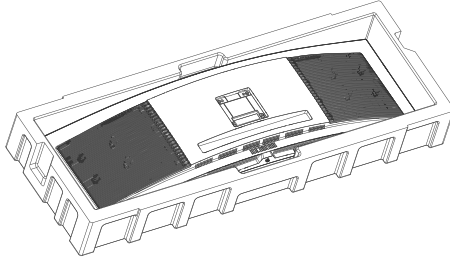


Calibration report

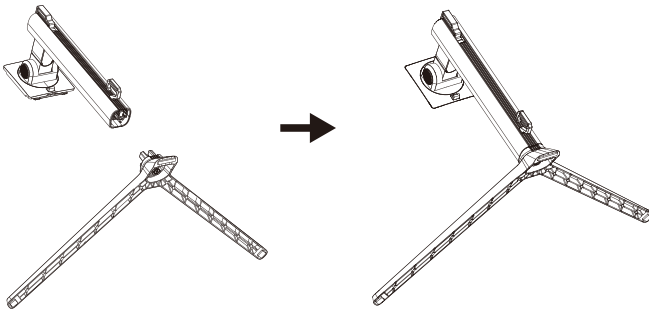
Installation

Installing the Base

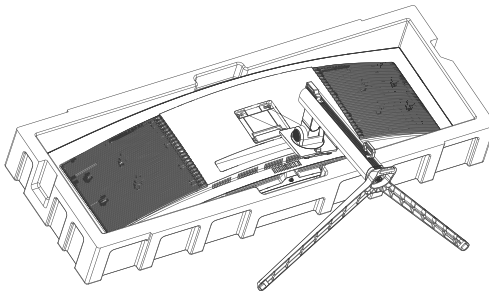
1. Open the package and take out the monitor with the foam still attached. Gently place it face-down on a desktop or table. Remove the foam covering the monitor.



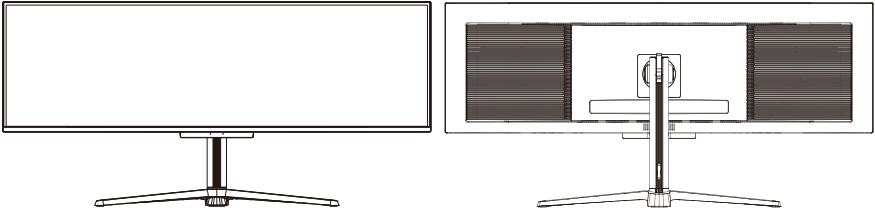
2. Take out the stand stem and base, and secure them with thumbscrews.




3. Insert the assembled base into the designated slot on the back of the monitor. Gently press the bracket to ensure it locks securely.



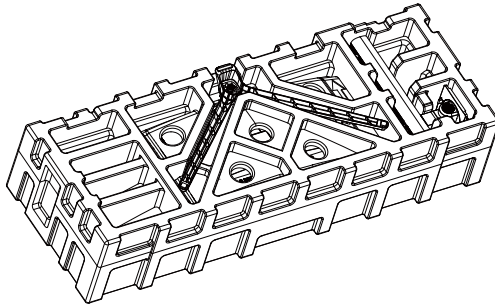
4. Grasp the bracket with your hands to set the device upright (Note: When standing up the device, please do not directly push the screen with your hands to prevent the screen from breaking).



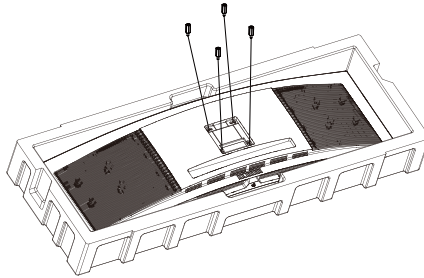
 Note: When standing the monitor upright, do not press the liquid crystal screen with hand to avoid damage to the screen.

Installation for a mount

1. Open the package and take out the monitor with foam still attached. Gently place it face-down on a desktop or table.

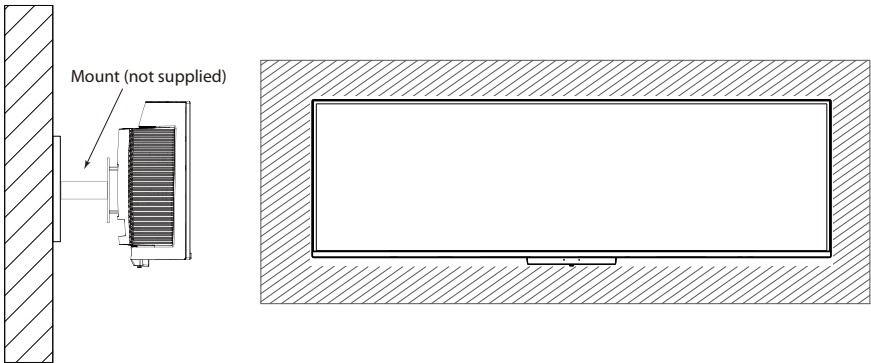


2. Remove the upper foam without the monitor leaving the lower foam; secure the four mounting studs into the screw holes on the rear of the monitor



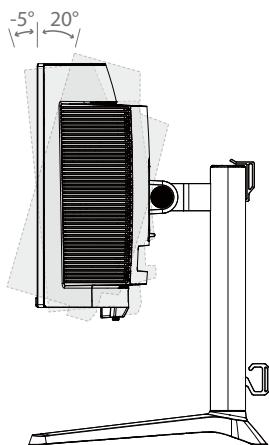
3. When mounting the product, avoid pressing directly on the screen to prevent damage.

Tip: The mount size for this monitor is 100x100mm.

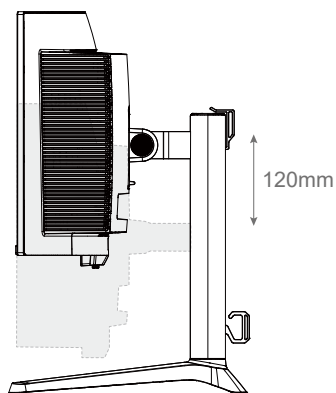


⚠ Note: In order to prevent the monitor from falling when it is used on a wall, please install it properly and use safety protection. Do not place or hang any objects on the wall bracket, and the wall height should be within 2 meters.

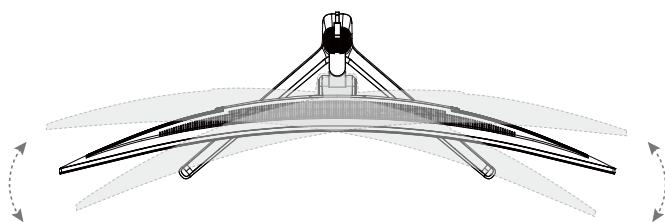
Adjustment of monitor



Tilting angle
-5° ~ +20°



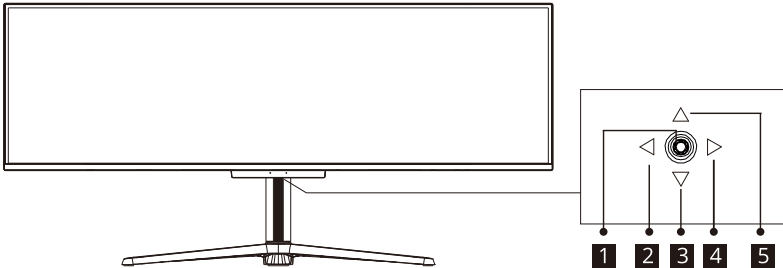
Height range
120mm



Rotation angle
±20°

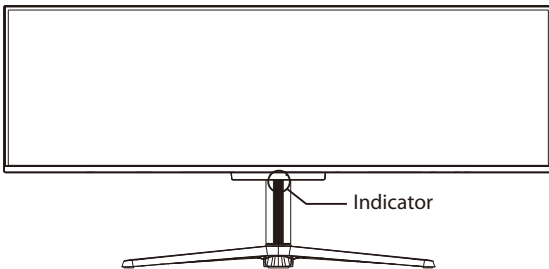
Instructions for use

Description of buttons



Button	Function
1	Power button: Press to turn on/off the monitor.
2	Left button: Press to return to the previous menu/ Exit.
3	Down button: Press to move down in the menus.
4	Right Button: Press to enter sub-menus/quickly enter the main menu.
5	Up button: Press to move up in the menu.

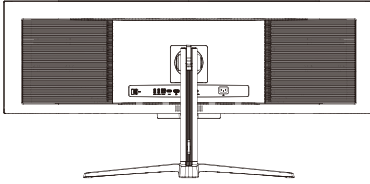
Explanation of indicator light



Indicator light: A steady blue light indicates that the power is on and the monitor is operating normally.

A flashing blue light indicates that there is no video source or signal, or that low voltage is detected. Make sure your computer It is turned on and all video cables are fully plugged in and/or connected.

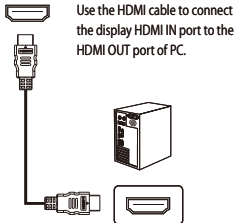
Cable connection:



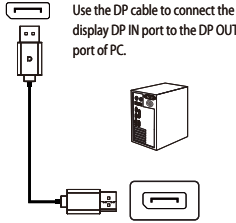
* The bottom interface configuration at the back of the monitor varies with products.

* Note: If the power cable or signal cable is damaged, you must replace it with special soft cables or special components purchased from the manufacture or maintenance department.

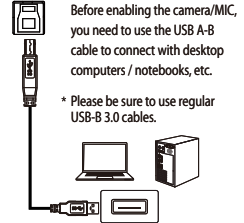
HDMI Interface



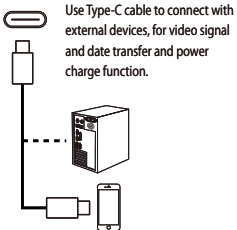
DP Port



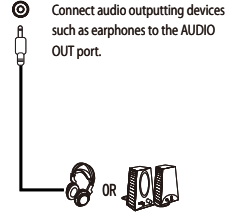
USB B Interface



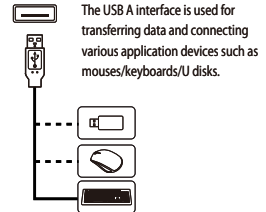
Type-C Interface



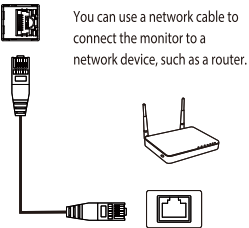
AUDIO OUT



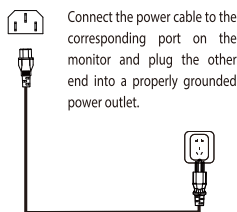
USB A Interface



RJ45 Interface



AC IN Interface



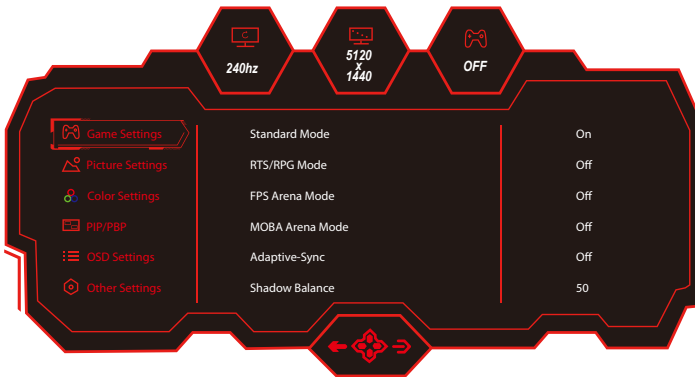
OSD menu

Menu description

- The color and contents of the OSD menu of the actual monitor may be slightly different from them shown in the figure.
- Specifications of the OSD menu may change with improvements of functions without prior notice.

Press the menu button on the control panel to access the monitor menu. The detailed information of each menu can be found in the following sections.

1. Press ► to enter the OSD screen.



2. Rocker ▼ or ▲ to browse functions.

- Select the desired function, and rocker ► to enter the sub-menu.
- Rocker ▼ or ▲ to scroll through sub-menus, and rocker ► to select and confirm the desired function.
- Rocker ▼ or ▲ to select one option, and rocker ► to confirm settings and exit from the current menu.

3. Rocker ◀ to exit the current screen.

- Monitor functions may vary by model. The functions described in this manual are for reference only; actual functions may differ.

Main Menu	Sub Menu	Option
Game Settings	Standard Mode	Off/On
	RTS/RPG Mode	Off/On
	FPS Arena Mode	Off/On
	MOBA Arena Mode	Off/On
	Adaptive-Sync	Off/On
	Shadow Balance	0-100
	Refresh Rate	Off/On
	Game Crosshair	Off/On/Crosshair1,Crosshair2,Crosshair3,Crosshair4,Crosshair5,Crosshair6
	Game Time	Off/On/15:00/30:00/45:00/60:00/Potion
	Dynamic Brightness	Off/Normal/Expert/Elaboration
	HDR	Off/HDR Standard/HDR Movie
	Ambient Lighting	Led Bar/Off
Picture Settings	Brightness	0-100
	BrightnessMode	Normal/Highlight
	Contrast	0-100
	Contextual Model	Off/On/Movie mode/Reading Mode/Night mode/sRGB Mode/Adobe Mode/DCI-P3 Mode
	Low Blue Light	0-100
	Sharpness	0-5
	Gamma	1.8/2.0/2.2/2.4/2.6/5.curve
	Aspect Ratio	Wide Screen/4:3/1:1/Auto
Color Settings	Warm	Off/On
	Natural	Off/On
	Cool	Off/On
	User1	Off/On
	User2	Off/On
	User3	Off/On
	Hue	0-100(R/G/B/C/M/Y)
	Saturation	0-100(R/G/B/C/M/Y)

Main Menu	Sub Menu	Option
PIP/PBP	PIP/PBP Mode	Off/PIP Mode/PBP 2 Win 1:1/ PBP 2 Win 2:1/PBP 2Win 1:2
	Sub-Signal Source	Type-C/DP 1/DP 2/HDMI
	Audio Source	Auto/Type-C/DP 1/DP 2/HDMI
	PIP Position	TopRight/TopLeft/BottomRight/BottomLeft
	PIP Size	Small/Medium/Large
	Window Swap	Off/On
OSD Settings	Language	简体中文 /English/ 한국어 / عربي /Portugues do Brasilazil/ Deutsch/Nederland/Suomi/Français/Ελληνικά/Indonesia/Italiano/ 日本語/Malaysia/Polskie/Português/Русский/Español/ ไทย / Українська/Tiếng Việt/ 繁體中文 /Türkçe
	OSD Time Out	5-60
	OSD H-Position	0-100
	OSD V-Position	0-100
	OSD Transparency	0-5
	Hotkey1 Setting	Brightness/Contrast/Volume/Mute/Shadow Balance/Game Crosshair/Refresh Rate/Game Time/Adaptive-Sync/Contextual Model/ PIP/PBP Mode/Input Signal/Dynamic Brightness/HDR/Ambient Lighting
	Hotkey2 Setting	
	Hotkey3 Setting	
	OSD Look	Off/On
Other Settings	Input Signal	Auto/Type-C/DP 1/DP 2/HDMI
	Volume	0-100
	Sound effect	Standard/Game/Meeting
	Mute	Off/On
	HDMI Version	HDMI 5K/HDMI 4K
	DP Mode	DP 5K/DP 4K
	Type-C DSC	Off/On
	Eyeshield Remind	Off/On
	USB Switch	Type-B/Type-C
	USB Power(Sleep)	Off/On
	USB Upgrade	No/Yes
	Reset	No/Yes
	Information	Input Source: /Resolution: /Mode: /HDR Ver:

Specification

Product name		Deco Gear OLED Monitor
Product model		DG49OLED240
Screen size		49 inch
Aspect ratio		32:9
Viewing angle		178°(H) / 178°(V)
Contrast ratio		1500000 :1(TYP)
Color		1.07B
Resolution		5120 x 1440
Refresh rate		240Hz
Power input		100-240V~ 50/60Hz 4.0A The standard voltage and power supply may vary with countries, please refer to the label at the back of the product.
Product dimensions	Without stand	1199.1x170.2x365.3 mm
	With stand	1199.1x360.5x573.2 mm
Tilting angle		Forward tilting-5° ; Backward tilting20°
Height range		120mm
Rotation angle		±20°
Environmental conditions	Action	Temperature: 0°C~ 40°C (32°F ~ 104°F) Humidity: 10%~90% RH (non-condensing)
	Storage	Temperature: -20°~ 60° (-4°F ~ 140°F) Humidity: 5%~95% RH (non-condensing)



The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc. in the United States and other countries.

FC This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:(1)This device may not cause harmful interference, (2)This device must accept any interference received,including interference that may cause undesired operation.

Supported resolution and refresh rate

Type-C
Detailed Timing
1920x1080@60Hz
2560x1440@60Hz
2560x1440@120Hz
1920x1080@240Hz
5120x1440@50Hz
5120x1440@60Hz
5120x1440@120Hz
5120x1440@144Hz
5120x1440@240Hz
Established Timing
720x400@70Hz-IBM.VGA
640x480@60Hz-IBM.VGA
640x480@67Hz-Apple.MacII
640x480@72Hz-VESA
640x480@75Hz-VESA
800x600@56Hz-VESA
800x600@60Hz-VESA
800x600@72Hz-VESA
800x600@75Hz-VESA
832x624@75Hz-Apple.MacII
1024x768@60Hz-VESA
1024x768@70Hz-VESA
1024x768@75Hz-VESA
1280x1024@75Hz-VESA
1152x870@75Hz-Apple.MacII
Standard Timing
1920x1080@60Hz-VESA STD
1680x1050@60Hz-VESA STD
1280x1024@60Hz-VESA STD
1280x720@60Hz-VESA STD
1600x900@60Hz-VESA STD
1152x864@75Hz-VESA STD
1280x960@60Hz-VESA STD
1440x900@60Hz-VESA STD
Video Timing
[63]1920x1080p@119.88/120Hz@16:9@1:1
[1]640x480p@59.94Hz@4:3@1:1
[2]720x480p@59.94Hz/60Hz@4:3@8:9
[3]720x480p@59.94Hz/60Hz@16:9@32:27
[4]1280x720p@59.94Hz/60Hz@16:9@1:1
[16]1920x1080p@59.94Hz/60Hz@16:9@1:1[Native=1]
[17]720x576p@50Hz@4:3@16:15
[18]720x576p@50Hz@16:9@64:45
[19]1280x720p@50Hz@16:9@1:1
[31]1920x1080p@50Hz@16:9@1:1

DP1
Detailed Timing
1920x1080@60Hz
2560x1440@60Hz
2560x1440@120Hz
1920x1080@240Hz
5120x1440@50Hz
5120x1440@60Hz
5120x1440@120Hz
5120x1440@144Hz
5120x1440@240Hz
Established Timing
720x400@70Hz-IBM.VGA
640x480@60Hz-IBM.VGA
640x480@67Hz-Apple.MacII
640x480@72Hz-VESA
640x480@75Hz-VESA
800x600@56Hz-VESA
800x600@60Hz-VESA
800x600@72Hz-VESA
800x600@75Hz-VESA
832x624@75Hz-Apple.MacII
1024x768@60Hz-VESA
1024x768@70Hz-VESA
1024x768@75Hz-VESA
1280x1024@75Hz-VESA
1152x870@75Hz-Apple.MacII
Standard Timing
1920x1080@60Hz-VESA STD
1680x1050@60Hz-VESA STD
1280x1024@60Hz-VESA STD
1280x720@60Hz-VESA STD
1600x900@60Hz-VESA STD
1152x864@75Hz-VESA STD
1280x960@60Hz-VESA STD
1440x900@60Hz-VESA STD
Video Timing
[63]1920x1080p@119.88/120Hz@16:9@1:1
[1]640x480p@59.94Hz@4:3@1:1
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[4]1280x720p@59.94Hz/60Hz@16:9@1:1
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[17]720x576p@50Hz@4:3@16:15
[18]720x576p@50Hz@16:9@64:45
[19]1280x720p@50Hz@16:9@1:1
[31]1920x1080p@50Hz@16:9@1:1

DP2
Detailed Timing
1920x1080@60Hz
2560x1440@60Hz
2560x1440@120Hz
1920x1080@240Hz
5120x1440@50Hz
5120x1440@60Hz
5120x1440@120Hz
5120x1440@144Hz
5120x1440@240Hz
Established Timing
720x400@70Hz-IBM.VGA
640x480@60Hz-IBM.VGA
640x480@67Hz-Apple.MacII
640x480@72Hz-VESA
640x480@75Hz-VESA
800x600@56Hz-VESA
800x600@60Hz-VESA
800x600@72Hz-VESA
800x600@75Hz-VESA
832x624@75Hz-Apple.MacII
1024x768@60Hz-VESA
1024x768@70Hz-VESA
1024x768@75Hz-VESA
1280x1024@75Hz-VESA
1152x870@75Hz-Apple.MacII
Standard Timing
1920x1080@60Hz-VESA STD
1680x1050@60Hz-VESA STD
1280x1024@60Hz-VESA STD
1280x720@60Hz-VESA STD
1600x900@60Hz-VESA STD
1152x864@75Hz-VESA STD
1280x960@60Hz-VESA STD
1440x900@60Hz-VESA STD
Video Timing
[63]1920x1080p@119.88/120Hz@16:9@1:1
[1]640x480p@59.94Hz@4:3@1:1
[2]720x480p@59.94Hz/60Hz@4:3@8:9
[3]720x480p@59.94Hz/60Hz@16:9@32:27
[4]1280x720p@59.94Hz/60Hz@16:9@1:1
[16]1920x1080p@59.94Hz/60Hz@16:9@1:1[Native=1]
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[18]720x576p@50Hz@16:9@64:45
[19]1280x720p@50Hz@16:9@1:1
[31]1920x1080p@50Hz@16:9@1:1

HDMI
Detailed Timing
1920x1080@60Hz
2560x1440@60Hz
2560x1440@120Hz
5120x1440@50Hz
5120x1440@60Hz
5120x1440@120Hz
5120x1440@144Hz
5120x1440@240Hz
Established Timing
720x400@70Hz-IBM,VGA
640x480@60Hz-IBM,VGA
640x480@72Hz-VESA
640x480@75Hz-VESA
800x600@60Hz-VESA
800x600@72Hz-VESA
800x600@75Hz-VESA
1024x768@60Hz-VESA
1024x768@70Hz-VESA
1024x768@75Hz-VESA
1280x1024@75Hz-VESA
Standard Timing
1920x1080@60Hz-VESA STD
1680x1050@60Hz-VESA STD
1280x1024@60Hz-VESA STD
1152x864@75Hz-VESA STD
1920x1080@120Hz-VESA STD
1680x1050@120Hz-VESA STD
1600x900@60Hz-VESA STD
1440x900@60Hz-VESA STD
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[63] 1920x1080p@119.88/120Hz@16:9@1:1
[1] 1640x480p@59.94Hz@4:3@1:1
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[3] 720x480p@59.94Hz/60Hz@16:9@32:27
[4] 1280x720p@59.94Hz/60Hz@16:9@1:1
[16] 1920x1080p@59.94Hz/60Hz@16:9@1:1 [Native=1]
[17] 720x576p@50Hz@4:3@16:15
[18] 720x576p@50Hz@16:9@64:45
[19] 1280x720p@50Hz@16:9@1:1
[31] 1920x1080p@50Hz@16:9@1:1

Manufacturer's 1-Year Limited Warranty

The manufacturer warrants that all parts and components are defect free in materials and workmanship for 1 year. This warranty is valid only in accordance with the conditions set forth below:

1. The warranty extends only to the original consumer purchaser and is not transferable. In addition, proof of purchase must be demonstrated.
2. This limited warranty is the only written or express warranty given by the manufacturer. Any implied warranty of merchantability or fitness for a particular purpose on this product is limited in duration to the duration of this warranty. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.
3. This warranty gives you specific legal rights. You may also have other rights which vary by state.

Procedure for Replacement or Return within the 1 Year:

To return the product for replacement or refund within the 1 year, the original purchaser must pack the product securely and send it postage paid with a description of the reason for replacement or refund, proof of purchase, and include your order number on the package, to the following address:

Deco Gear
80 Carter Drive
Edison, NJ 08817

Other contact info

Phone: 844-413-2646
Customer Service Email: customerservice@decogear.com



Need help? Scan the QR code below and click the link to start a live chat with our agents



物料号码	108.007.xxxx		
厂内型号	49E9S	厂外型号	DG49OLED240
物料名称	说明书	品 牌	DECO GEAR
协力厂商		日 期	2025.08.20
规 格	140x210mm		
要 求	封面封底过光膜 120G铜版纸 彩印 骑马钉		
版 本	V01	设 计	蒙嘉欣
确 认		核 准	