![deco gear logo]

15.6" Touchscreen Full HD IPS LED Portable USB-C Monitor

INSTRUCTION MANUAL

View this product on decogear.com

MODEL: DGPM20

DECOGEAR LCD Monitor User Manual (UM)

Important safety instructions

Please read the following instructions carefully.

1. To clean the LCD monitor screen:
   - Turn off the LCD monitor and unplug the power cord.
   - Spray a non-solvent cleaning sloution onto a rag and clean the screen gently.
   - Never spray or pour any liquid directly onto the screen or case.
   - Please do not use any ammonia or alcohol-based cleaners on the LCD display screen or case.

2. Do not place the LCD monitor near a window. Exposing the monitor to rain,moisture or sunlight can severely damage it.

3. Do not apply pressure to the LCD screen. Excessive pressure may cause permanent damage to the display.

4. Do not remove the cover or attempt to service this unit yourself. Only authorized technicians should perform servicing of any kind.

5. Store the LCD monitor in a room with temperatures of -4° to 140°F (-20° to 60°C) Storing the LCD monitor outside this range may result in permanent damage.

6. Immediately unplug your monitor and call an authorized technician for any of the previous circumstances.

Package contents

LCD monitor	Adapter	Type-C cable (Data Line)	Type-C cable (Power Cord)
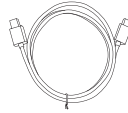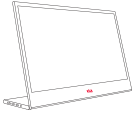
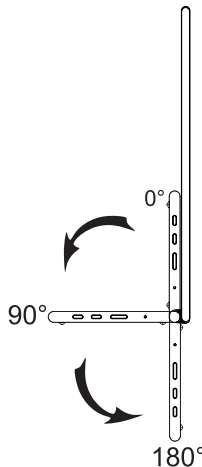| MINI HDMI Cable	Bag	User manual
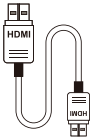
Please make sure to use the original DECOGEAR accessories in order to preserve the quality-aspects.
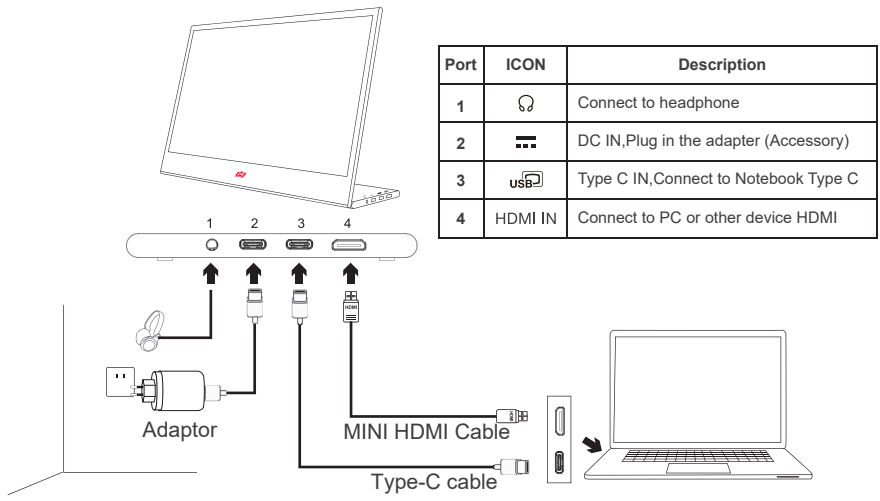
Adjustable base (0° ~ 180 °)

1. Take out the monitor from the packaging and place it on a stable and level workspace.
2. Open or close the base. The viewing angle of the monitor can be adjusted using the stand. (As shown below, Adjustable Angle 0° ~ 180 °)

Connect the monitor to your computer

1. Plug the adaptor of you monitor into a nearby electrical outlet.

2. Use the adaptor to connect to the monitor's Port 2.

3. Connect Type-C Cable(Only Type-C-input model)

   a. Connect the Type-C Cable to the computer.

4. Connect Mini HDMI Cable (Only HDMI-input model)

   a. Connect the Mini HDMI cable to the computer.

Port	ICON	Description
1	🎧	Connect to headphone
2	▭	DC IN,Plug in the adapter (Accessory)
3	USB	Type C IN,Connect to Notebook Type C
4	HDMI IN	Connect to PC or other device HDMI

Adaptor   MINI HDMI Cable

Type-C cable

*Please make sure to use the original DECOGEAR accessories in order to preserve the quality-aspects.

External controls
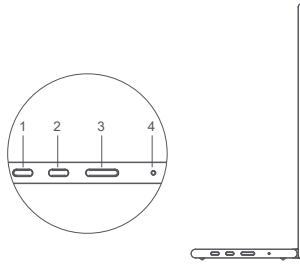
No.	ICON	Item	Description
1	∧	Up/Hot Key	a. Press this button to select the desired item when in OSD menu. b. Long press this button to adjust the volume.
2	∨	Down	Press this button to select the desired item when in OSD menu.
3	⏻	Power button	Long press for 3 sec to turn on/off Monitor.
4	•	LED Indicator	Blue indicates power on. Blinking Blue indicates standby mode.

HIGH-DEFINITION MULTIMEDIA INTERFACE

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.

OPERATION

Powering On / Off
Press and hold the power button for 3 seconds to turn the monitor ON and off.
The monitor will enter power saving mode when turned on unless a suitable
device is connected.

Volume Up / Down
Press and hold the ▲ up button to enter Volume Adjustment. Then adjust the
volume with the ▲ Up button (volume increase) and ▼ Down button (volume
decrease).

Quick Menu
Brightness
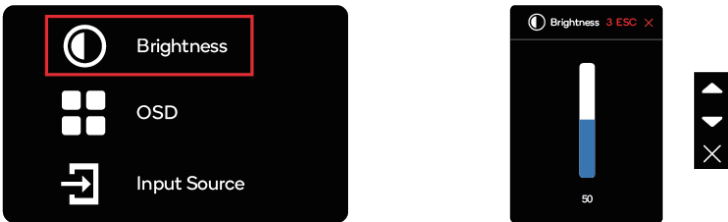
1. Press any key to enter the quick menu.
2. Using the ▲ Up button, select Brightness from the menu.
3. Use the ▲ Up and ▼ Down buttons to adjust the brightness between 0-100.
4. Press Power button to confirm and exit the menu, or wait 3 seconds
    without pressing any buttons.

Input source
1. Press any key to enter the quick menu.
2. Pressing the power button, open Input Source from quick menu to
    select a USB-C or Mini-HDMI input source.
3. When you are done, press the Power button to confirm and exit.
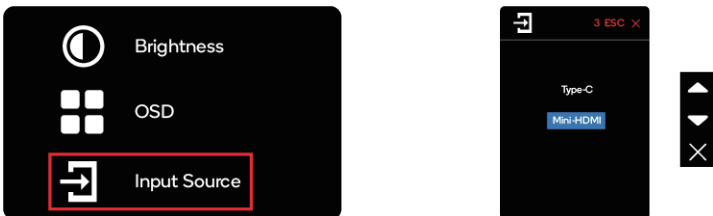
OSD

The following content is for general reference only. The actual product specifications may vary. The on-screen display (OSD) can be used for adjusting the settings of your monitor.

Press any button to open the Navigation OSD. You can use the OSD to adjust the picture quality, OSD setting, and general settings.

Please ▲ Up and ▼ Down buttons to navigate the OSD menus and the power button to confirm selection.

Scene Setting
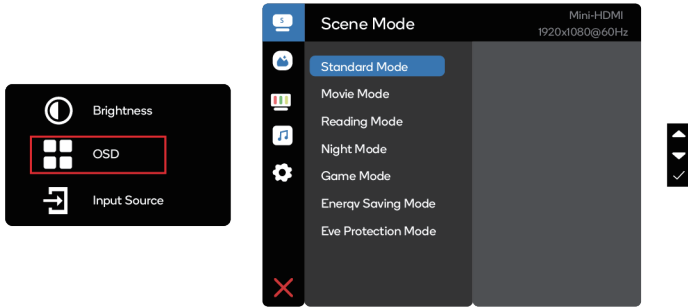
Select the appropriate preset for your usage and use power button to confirm.

Picture Setting

The Picture setting menu includes many options to adjust the color and picture quality.

Color Temperature Setting

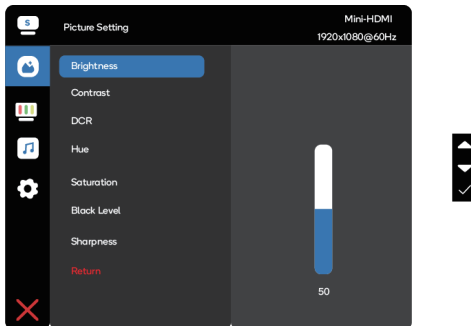The color temperature adjustment Warm-Normal-Cool corresponds to the color temperature of 6500K, 7500K, 9300K and the User mode has a three-level menu.

Audio Setting
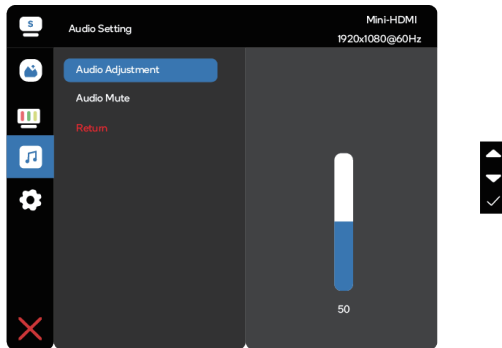
Adjust the volume manually or select Audio Mute to disable the audio.

OSD Setting

1. Langusge Setting: Set the OSD menu language.
2. OSD Exit Time: Adjust the delay before turning the off the OSD menu.
3. OSD Transparency: Select the transparency when using gaming mode,The transparency can be 20%,40%,60%,80% or Off
4. Input source: select USB C or Mini-HDMI input source.
5. Reset: Reset all setting to the factory defaults.
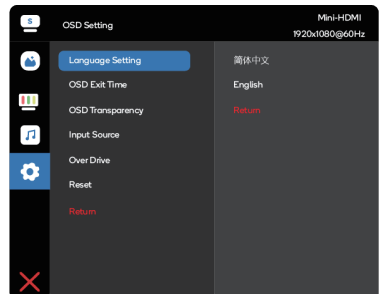
SPECIFICATIONS

Audio

Speaker	1W*2

Dimensions

Size	362(W)x240(H)x15.6(D)mm
Net Weight	1.1kg

Display

Brightness	470(typ)
Colours	16.7M
Contrast Ratio	1500:1
Native Aspect Ratio	16:9
Panel Manufacturer	SHARP
Panel Type	IPS
Refresh Rate	60Hz
Resolution	FHD (1920x1080)
Size	15.6"
Viewing Angle	170°(H)x170°(V)

Features

Low Blue Light	Yes

Inputs

HDMI(1.4)	1
USB Type-C	2

Outputs

Headphone Jack	Yes

Power

Power Consumption	Typ. 8W
Standby Consumption	≤ 0.5W

TROUBLESHOOTING

Problem		Troubleshooting advice
No video / picture	**Blue LED**	Using the OSD, adjust brightness and contrast to maximum or reset to their default.
		Make sure the correct input source is selected through the input source menu.
		When connected via USB-C to USB-C cable, the blue light flashing indicates the output power of the external device is too low to power the monitor. Please connect the external power to the monitor.
	No LED	Make sure the video cable between the monitor and computer is connected properly and securely.
		Use other electrical equipment to confirm that the power outlet is working properly.
		Make sure the correct input source is selected through the input source menu.
		Check the power switch. Long press 5 seconds to start the monitor.
		Check if the power cord is properly connected to the monitor.
	Red LED	Check if the video signal cable is properly connected at the back of the monitor.
		Check if the video cable connector pins are bent or broken.
		Check if the computer system is switched on.
Missing pixels/ spots and light leaks on the screen		Turn off and on again.
		Restore the monitor to factory settings.
		Use OSD to adjust brightness and contrast.
		Pixels that are permanently off are an inherent defect in LED technology.
		Contact help.kogan.com about monitor quality and pixel issues.
Display fails when switching		Make sure that the video cables of the monitor and HDMI output device are properly connected.
		Reset the monitor to factory settings.

Problem	Troubleshooting advice
Picture is missing colours	Make sure the video cable connecting the monitor and the computer is properly connected. Adjust custom R/G/B values. Colour in the colour menu of OSD.
Screen image is too small	Restore the monitor to factory settings.
OSD does not appear on the screen	Turn off the monitor, disconnect and reconnect the power cord, and turn on the monitor.
No picture, indicator light is blue	Check the signal source. Make sure the computer or phone is not in sleep mode. Check that the signal cable is properly inserted. Reconnect the signal cable if necessary. Restart your computer or phone.
The picture does not fill the entire screen.	Since the resolution of the same screen of the mobile phone can be re-scaled (aspect ratio), the display can be displayed in full screen. Computer equipment can be set to 16:9 resolution, the display can be full screen display Play a video source with a 16:9 video sources, and the monitor can display full screen.

Supported Timing List

Standard timing

Resolution	Refresh Rate	Resolution	Refresh Rate
720 x 400	70hz	1024 x 768	75hz
640 x 480	60hz	1280 x 1024	75hz
640 x 480	67hz	1152 x 870	75hz
640 x 480	72hz	1280 x 720	60hz
640 x 480	75hz	1280 x 960	60hz
800 x 600	56hz	1280 x 1024	60hz
800 x 600	60hz	1152 x 864	75hz
800 x 600	72hz	1440 x 900	60hz
800 x 600	75hz	1600 x 1200	60hz
832 x 624	75hz	1680 x 1050	60hz
1024 x 768	60hz	1920 x 1080	60hz
1024 x 768	70hz		

Video timing

Resolution	Refresh Rate	Resolution	Refresh Rate
640 x 480p	60hz	1280 x 720p	50hz
720 x 480p	60hz	1920 x 1080i	50hz
1280 x 720p	60hz	1920 x 1080p	50hz
1920 x 1080i	60hz	1920 x 1080p	23hz/24hz
1920 x 1080p	60hz	1920 x 1080p	25hz
720 x 576p	50hz	1920 x 1080p	29hz/30hz

Detailed timing

Resolution	Refresh Rate
1920 x 1080	60hz
960 x 1080	61hz

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

Notice for FCC

This device complies with Part of 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 that may cause undesired operation.

This equipment has been tested and found to comply with the limits for Class B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receivers is connected.
- Consult the dealer or an experienced radio/TV technician for help.

物 料 号 码			
厂 内 型 号	15N2F	厂 外 型 号	DGPM20
物 料 名 称	User Manual	品　　牌	DECOGEAR
协 力 厂 商		日　　期	2020.12.19
规　　格	140*210mm		
要　　求	封面157g铜版，内页80g双胶纸，胶装		
	■ Pantone 3517C　　■ C:0 M:0 Y:0 K:11		
版　　本	V01	设　计	梁丽
确　　认		核　准	