



# LG UltraGear™ Gaming Monitor

) \*LED (

LG LED \*  
.LED LCD

[www.lg.com](http://www.lg.com)

27GL83A

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35.....) (HDMI

36.....LED

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HDMI  
DisplayPort

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HDMI

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[www.lg.com](http://www.lg.com)

مصطلحا HDMI و HDMI High-Definition Multimedia Interface وشعار HDMI علامات تجارية أو  
علامات تجارية مسجلة لشركة HDMI Licensing Administrator, Inc. في الولايات المتحدة الأمريكية  
ودول أخرى.



MPL LGPL GPL  
<http://opensource.lge.com>



CD-ROM

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LG Electronics

(

.opensource@lge.com



LG

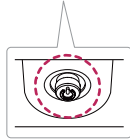
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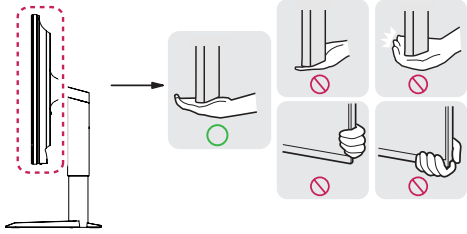
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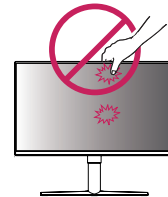
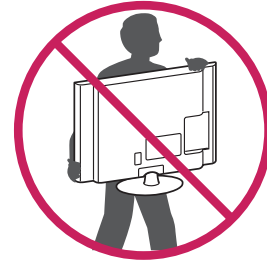
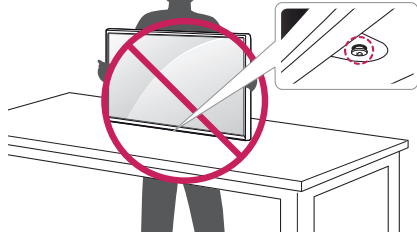
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LGE

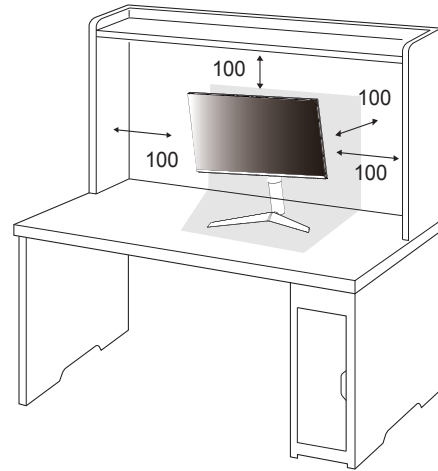
			
			
			
			





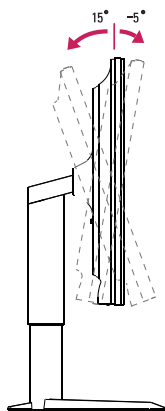


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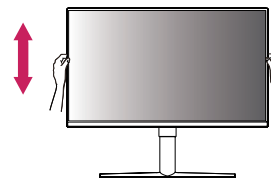


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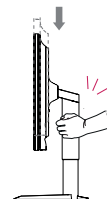
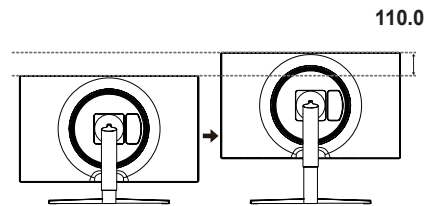
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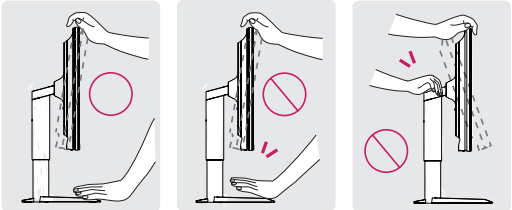
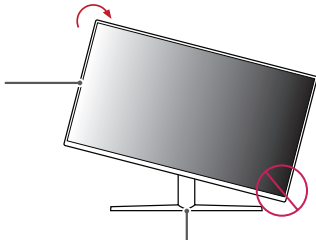


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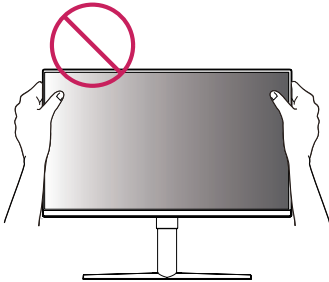
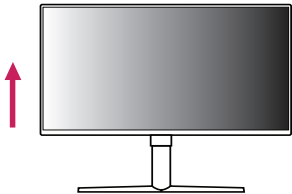




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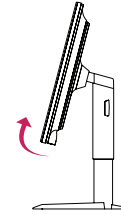
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Windows

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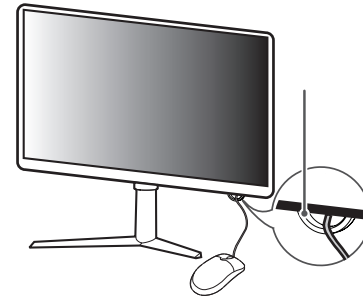
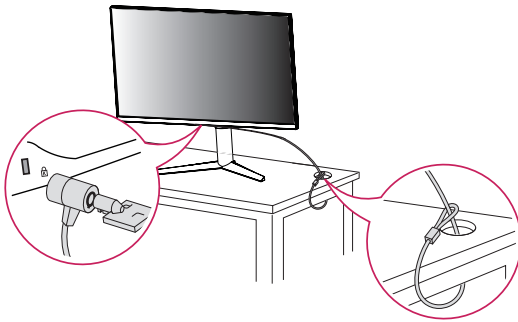
# Kensington

Kensington

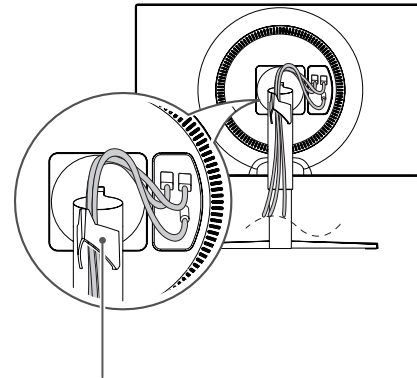
Kensington

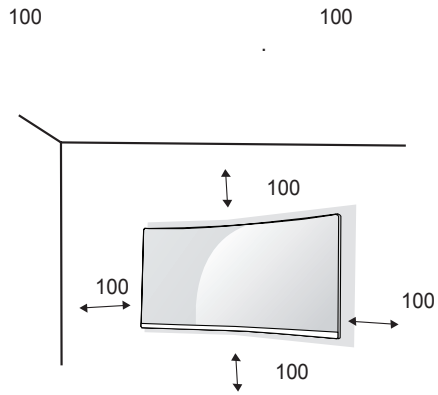
<http://www.kensington.com>

.Kensington



Kensington





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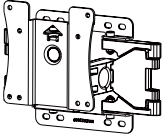
VESA

LG Electronics

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LG

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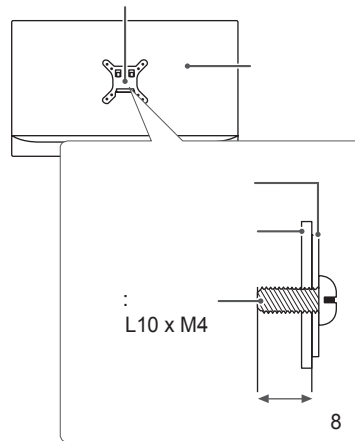
.27GL83A  
) (Input ←) (Menu

) 3(



.VESA

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### DisplayPort



- )DisplayPort) DP•
- Mini DisplayPort•
- DisplayPort 1.4• )DisplayPort •Mini DisplayPort) DP •Mini DP

- \*Plug and Play•
- :Plug and Play \*

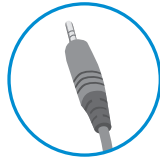
### HDMI



- HDMI• )DisplayPort)HDMI / DP• DVI•
- HDMI• HDMI•
- HDMI•
- HDMI®/™• -
- HDMI®/™• -
- Ethernet•



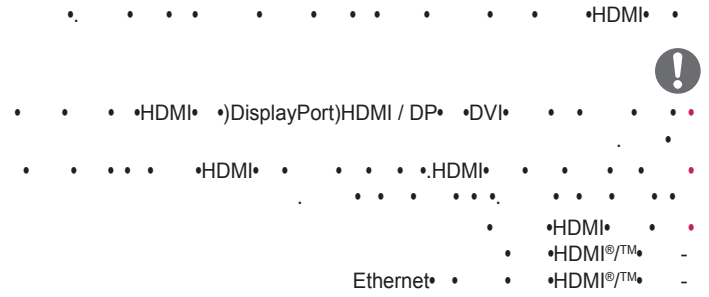
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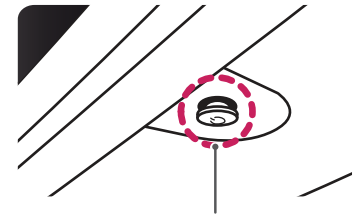
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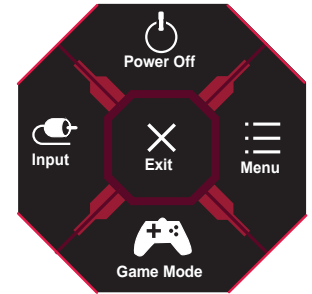
### HDMI



<p>.) ( OSD(</p>		
.) ( Input	◀	
.) ( Menu	▶	
	▲	
.) ( Game Mode	▼	



. . . .	) ( Input
. . . . .	Power Off
. . . . .	) ( Menu
. . . . .	) ( Game Mode
. . . . .	) ( Exit





) ( General



) ( Input



) ( Picture Adjust



) ( Game Adjust



) ( Game Mode



)HDR      ( SDR      )      ( Game Mode

	) ( Game Mode > ) ( Menu	
. . . . . ) ( Gamer 2 (1 ( Gamer 1	(1 ( Gamer 1	( Game Mode )
. . . . . ) ( Gamer 2 (2 ( Gamer 2	(2 ( Gamer 2	
.FPS. . . . .	( FPS )	
.RTS. . . . .	( RTS )	
. . . . .	Vivid	
.)OSD( . . . . .	) ( Reader	
. . . . .	HDR Effect	
. . . . .)RGB( . . . . .	sRGB	

.HDR ) ( Game Mode

		) ( Game Mode > ) ( Menu
		(1 ( Gamer 1
. ( Gamer 2 ) ( Gamer 1		(2 ( Gamer 2
.FPS FPS		FPS
.RTS		RTS
		Vivid
		( Game Mode )
. HDR ( On / Off ) \ ( On / Off ) .10 HDR . . . . . y .) ( . . . . . ) ( . . . . . HDR . . . . . y .) ( . . . . . ) % ( on / off . . . . . HDR . . . . . y		




	Faster ) (	Response Time ) ( ( Game Adjust )
	) ( Fast	
	Normal ) (	
	) (Off	
	( Cross Hair )	
	( Game Reset )	

		) ( Picture Adjust > ) ( Menu	
. . . . .		Brightness	Picture Adjust ) (
. . . . .		Contrast	
. . . . .		Sharpness	
. . . . .	Mode 1, Mode 2, Mode 3	) ( Gamma	
Mode 4 . . . . .	Mode 4		
. . . . .	) ( Custom	) ( Color Temp	
. . . . .	) ( Warm		
. . . . .	) ( Medium		
. . . . .	) ( Cool		
. . . . .	Manual		
. ) ( Blue . ) ( Green . ) ( Red . . . . .		R/G/B	
. . . . . )Red, Green, Blue, Cyan, Magenta, Yellow)		Six Color	
. . . . . ) ( Hue			
. . . . . ) ( Saturation			
. . . . . ) HDMI ( . . . . . (Offset		Black Level	
. . . . .	High		
. . . . .	Low		
. . . . .	) ( On	DFC	
. DFC . . . . .	) ( Off		
. . . . .	) ( Picture Reset		

		) (Input >) (Menu
		( Input List )
		( Aspect Ratio ) ( Input
	( Full Wide )	
	) ( Original	
! •.)1440 x 2560(• • • • •) ( Original• ) ( Full Wide• • • • • •		
		Auto Input Switch
	.Auto Input Switch• • • ) ( On	
	.Auto Input Switch• • • ) ( Off	

		) ( General > ) ( Menu	
		) ( Language	
SMART ENERGY SAVING	) ( High	SMART ENERGY SAVING	) ( General
SMART ENERGY SAVING	) ( Low		
SMART ENERGY SAVING	) ( Off		
! ( Low ) ( High SMART ENERGY SAVING		( LED ( Power LED	
LED	) ( On		
LED	) ( Off		
) ( Off 4H 6H 8H		( Automatic Standby	
HDMI	( HDMI Compatibility Mode	HDMI Compatibility Mode ) HDMI (	
HDMI	) ( On		
HDMI	) ( Off		
! ( HDMI Compatibility Mode		( DisplayPort Version	
HDMI 2.0 HDMI 2.0			
Please set the DisplayPort version to match the version of the connected external device) 1.4, 1.2 and 1.1. (If you want to use the HDR, select the DP version to 1.4			

. (OSD ( OSD Lock• ) ( On		(OSD ( OSD Lock	) ( General
. (OSD ( OSD Lock• ) ( Off			
•) ( Input •) ( Picture Adjust, Contrast, ) (Brightness • • • • • .) ( General• •) ( Information •(OSD ( OSD Lock 			
.) • (•Resolution• ) • • • • (•Total•Power•On•Time• • • • •			
		No	
		Reset to Initial Settings	
		Yes	

	LED
.( ( Input < ) ( Menu(	LED
	LED
) (	<b>The screen is not currently set to the recommended resolution. If you have no video or the screen flickers, see the troubleshooting guide in the product owner's manual (</b>
	) ( No Signal
<a href="http://www.lg.com">.http://www.lg.com :</a> ) ( Plug and Play	

(OSD ( OSD Lock ) ( General < ) ( Menu . )OSD( .) ( Off	


/.	
1080p ) ( 60/50 1080i HDMI	



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Menu <)

( Display <

( Control Panel ) (

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)OS( ) (

(.Windows ) (

.1440 x 2560

Menu < )	( Display < ) )OS(
.LCD	(

< (	( Control Panel Microsoft Windows ( set the Monitor as default device < ( ( Sound < ( ( Hardware and Sound )
	(DisplayPort( DP HDMI

LCD		HDMI	.	10
		(DisplayPort( DP	.	10
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		(DP(	144	1440 x 2560
		(HDMI(	100	1440 x 2560
		(DP(	144	1440 x 2560
			2.4 ---	19
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/			0.3 :	
		.Asian Power Devices Inc	DA-48F19	
		SHENZHEN HONOR ELECTRONIC	ADS-48FSK-19 19048EPCU-1	
		SHENZHEN HONOR ELECTRONIC	ADS-48FSK-19 19048EPK-1	
		SHENZHEN HONOR ELECTRONIC	ADS-48FSK-19 19048EPG-1	
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			60	-20
			% 85	
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			) ( 56.3 x 364.8 x 614.2	

)	(		) (6.1
			) (4.2

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## (HDMI/ DisplayPort

	) / (	) (	) (	
HDMI/DisplayPort	-/+	59.94	31.469	480 x 640
HDMI/DisplayPort	-/-	75	37.5	480 x 640
HDMI/DisplayPort	+/+	75	46.875	600 x 800
HDMI/DisplayPort	+/+	60.317	37.879	600 x 800
HDMI/DisplayPort	-/-	60	48.363	768 x 1024
HDMI/DisplayPort	+/+	75.029	60.023	768 x 1024
HDMI/DisplayPort	+/+	60.05	54.347	864 x 1152
HDMI/DisplayPort	+/-	59.81	49.702	800 x 1280
HDMI/DisplayPort	-/+	59.96	63.194	1024 x 1280
HDMI/DisplayPort	+/+	75.025	79.976	1024 x 1280
HDMI/DisplayPort	+/+	60	45	720 x 1280
HDMI/DisplayPort	+/+	60	60	900 x 1600
HDMI/DisplayPort	-/+	59.883	64.674	1050 x 1680
HDMI/DisplayPort	+/+	60	67.5	1080 x 1920
HDMI/DisplayPort	+/+	74.99	84.36	1080 x 1920
HDMI/DisplayPort	-/+	59.95	88.79	1440 x 2560
HDMI)Freesync Premuim on(	-/+	74.97	111.86	1440 x 2560
HDMI/DisplayPort	-/+	99.95	150.92	1440 x 2560

HDMI(Freesync Premium Off/ DisplayPort	-/+	120	183	1440 x 2560
DisplayPort	-/+	143.97	222.15	1440 x 2560
HDMI(Freesync Premium Off(	-/+	144	214.56	1440 x 2560

) ( HDMI

	) (	) (	
	60	31.5	480P
	50	31.25	576P
	50	37.5	720P
	60	45	720P
HDMI Compatibility Mode: On	30	33.75	1080P
	50	56.25	1080P
	60	67.5	1080P
HDMI Compatibility Mode: Off	120	135	1080P
HDMI Compatibility Mode: Off	24	54	2160P
HDMI Compatibility Mode: Off	25	56.25	2160P
HDMI Compatibility Mode: Off	30	67.5	2160P
HDMI Compatibility Mode: Off	50	112.5	2160P
HDMI Compatibility Mode: Off	60	135	2160P

**LED**

LED	
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