SPECIFICATIONS

		LED LCD Monitor TV					
		M2380D	M2280D	M2080D	M2380DF	M2280DF	M2080DF
Panel							
Size(Inch)		23.0"	21.5"	20.0"	23.0"	21.5"	20.0"
Panel Type		TN	TN	TN	TN	TN	TN
Aspect Ratio		16:9	16:9	16:9	16:9	16:9	16:9
Resolution		1920*1080	1920*1080	1600*900	1920*1080	1920*1080	1600*900
Brightness		250cd/m²	250cd/m²	250cd/m²	250cd/m²	250cd/m²	250cd/m²
Contrast Ratio(DFC)		5,000,000:1(LED)	5,000,000:1(LED)	5,000,000:1(LED)	5,000,000:1(LED)	5,000,000:1(LED)	5,000,000:1(LED)
Response Time		5ms(Typ.)	5ms(Typ.)	5ms(Typ.)	5ms(Typ.)	5ms(Typ.)	5ms(Typ.)
Viewing Angle(CR≥10)		170/170	170/170	170/170	170/170	170/170	170/170
Display Colors		16.7M	16.7M	16.7M	16.7M	16.7M	16.7M
Panel Surface		Anti-Glare	Anti-Glare	Anti-Glare	Anti-Glare	Anti-Glare	Anti-Glare
Jack Input/Output							
D-Sub		●	●	●	●	●	●
DVI-D(with HDCP)		-	-	-	-	-	-
Composite		●	●	●	●	●	●
Component		●	●	●	●	●	●
SCART		● (1ea)	● (1ea)	● (1ea)	● (1ea)	● (1ea)	● (1ea)
HDMI		● (2ea)	● (2ea)	● (2ea)	● (2ea)	● (2ea)	● (2ea)
USB		●	●	●	●	●	●
PC Audio In		●	●	●	●	●	●
Headphone Out		●	●	●	●	●	●
Optical Out		●	●	●	●	●	●
DTV Tuner(MPEG4)		●	●	●	●	●	●
Speaker							
Built-in Speaker		5W x 2	5W x 2	5W x 2	5W x 2	5W x 2	5W x 2
Woofer		-	-	-	7W	7W	7W
Power							
Input/Output	Type/Input	Adaptor/100~240V	Adaptor/100~240V	Adaptor/100~240V	Adaptor/100~240V	Adaptor/100~240V	Adaptor/100~240V
Consumption	Normal On(Typ.)	33W	30W	27W	33W	30W	27W
	Power Save/Sleep Mode(Max)	-	-	-	-	-	-
	DC Off(Max)	1W	1W	1W	1W	1W	1W
Frequency(H/V)							
Analog		30~83kHz/56~75Hz	30~83kHz/56~75Hz	30~83kHz/56~75Hz	30~83kHz/56~75Hz	30~83kHz/56~75Hz	30~83kHz/56~75Hz
Features							
Surround X*		●	●	●	●	●	●
Auto Volume		●	●	●	●	●	●
sRGB		-	-	-	-	-	-
DDC/CI		-	-	-	-	-	-
ARC		●	●	●	●	●	●
Auto Bright		●	●	●	●	●	●
Remote Control		●	●	●	●	●	●
Plug & Play		DDC2B	DDC2B	DDC2B	DDC2B	DDC2B	DDC2B
Wall Mount		●	●	●	●	●	●
Special Features		USB Quick View HD Play*, Hotel Mode*					
Stand							
Base Detachable		●	●	●	●	●	●
Tilt(Angle)		● (-5º~10º)	● (-5º~10º)	● (-5º~10º)	● (-5º~10º)	● (-5º~10º)	● (-5º~10º)
Size/Weight							
Dimension (mm/W*D*H)	Set(with Stand)	547 x 194 x 416	510 x 194 x 396	476 x 194 x 376	547 x 194 x 428	510 x 194 x 407	476 x 194 x 388
	Set(without Stand)	547 x 73 x 350	510 x 70 x 331	476 x 56 x 311	547 x 73 x 408	510 x 70 x 388	476 x 56 x 368
	Shipping Dimension	624 x 470 x 140	575 x 446 x 140	510 x 446 x 140	624 x 470 x 140	575 x 446 x 140	548 x 441 x 140
Weight(kg)	Set(with Stand)	4.2	3.7	3.5	4.4	3.9	3.7
	Set(without Stand)	3.4	2.9	2.7	3.4	2.9	2.7
	Shipping Weight	TBD	TBD	TBD	TBD	5.7	5.5
Standard							
TUV-GS		TUV-Type	TUV-Type	TUV-Type	TUV-Type	TUV-Type	TUV-Type
FCC-B, CE		●	●	●	●	●	●
Windows Certification		-	-	-	-	-	-

* Surround X / USB Quick View HD Play: applicable only to limited areas
* Hotel Mode: TV linker, RS232C(SVC Only), USB(SVC/MP3/JPEG/DivX)
* Specifications are subject to change without prior notification.

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LED

THE TOTAL PACKAGE

LG LED LCD Monitor TV M80D Series

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LG Monitor TV makes you “All Mighty”

M80D Series is the first monitor TV that is supported by LG’s latest LED technology. If you are attracted to M80D series, you are probably an adventurous and demanding user. You want to enjoy HD TV and also watch Blue-ray, DVD and DivX in the optimal picture quality. The monitor should even help you win games where the winner is decided by how fast respond. Additionally, you want a display that enables you to work long hours comfortably. In other words, you want a monitor that can give you the total package. Understanding your diverse needs, LG has created M80D Series-a slim and stylish monitor with various features that will satisfy even the most difficult customers. The more you find out about M80D Series, the more you will agree that the monitor deserves the title, "All Mighty"

The Total Package Monitor - M80D Series

Premium LED

M80D Series is a stylishly designed premium LED LCD monitor that employs LED backlight. Compared to normal LCD, LED offers various features including true-to-life pictures supported by Mega Contrast Ratio, as well as a much slimmer and lighter appearance that makes the monitor easy to handle. Free of hazardous materials, LED is an eco-friendly technology that contributes to preserving the environment by reducing energy consumption and heat generation.

Quick View HD Play

Now you do not need a separate video player to enjoy HD-quality pictures. The monitor’s built-in Quick View HD Play function frees you from having to boot your computer to play video clips. The function enables instant playback of video clips inside USB memory devices just by connecting the USB to the monitor.

Eco-friendly

Employing high-efficiency LED backlight units, M80D reduced energy consumption by approximately 40%. Moreover, the monitor contributes to preserving the environment by not using any hazardous materials such as mercury or halogen.

Incredible picture quality created by LED and Full HD

Convenient movie-viewing with USB Quick View HD Play

Transform the monitor into a Full HD LED TV with a push of a button

M80D features a built-in MPEG4 and DVB tuner so that HDTV can be viewed without installing any separate device. Moreover, the experience of watching TV is further enhanced with the LED LCD panel reproducing Full HD picture quality and supporting Mega Contrast Ratio.

Full HDTV with DTV tuner

Built-in DTV tuner(supporting MPEG4), the standard format of digital TV broadcasting, supports viewing of high-resolution HDTV without requiring a separate receiver.

Full HD 1080P

M80D Series supports Full HD(1920x1080 pixel) resolution and reproduces even the finest details— from sweat drops of athletes in dynamic sports games to the subtle texture of plant leaves in a jungle.
(* Full HD : 22" or larger only)

Mega Contrast Ratio

Mega Contrast Ratio offers excellent picture quality that can only be realized by LED technology. M80D Series provides perfect rendition of even the most subtle color differences as well as the pitch-black color, which is considered to be the most difficult shade to realize.

Conventional | Mega Contrast Ratio

A Perfect Mate for HD Quality Movies

M80D not only offers vivid rendition of Blu-ray, DVD and DivX contents but it also enables instant playback of media files with the USB Quick View HD Play function and even supports vivid 3D sound with the Surround X.

USB Quick View HD Play

Now various HD DivX contents can be viewed simply by connecting to the monitor through the USB port, without having to install any software programs. M80D supports codec for playback of MP3 files and video clips in various formats as well as for viewing digital photographs.

Surround X

LG's Surround X maximizes the reality of entertainment contents by delivering vivid 3D sound. Surround X breathes life into the experience of watching movies and TV shows, playing games, and listening to music by reproducing crisp sound and vivid human voice.

Original Ratio

16:9 Real Wide screen enables full-screen rendition of movies without image distortion or letterboxing. Also, games and movies produced in 4:3 format can be enjoyed in their original form, as they are converted and displayed without any distortion.

Conventional | Original Ratio

Dominate the game with Quick Response

Wide Screen and Multi Connecting Interface for higher work efficiency

Sidekicks that enhance your gaming experience

M80D supports fast response time that maximizes the reality of games by providing clear pictures and error-free control. The optimized gaming environment helps you concentrate and win games where the winners are decided by only a fraction of a second's difference. Also, the monitor supports two HDMI connectors for convenient connection with multimedia devices such as game consoles and DVD players.

Clear Image with a Quick Response Time of 5ms

M80D has a lightning-fast response time of 5ms, which enables reproduction of crisp images even when playing back fast and dynamic video clips. Enjoy speedy and dynamic online games, action films, and sports without any fuzziness or afterimage.

Conventional 5ms response time

Simple Multimedia Setting for Your Contents

M80D Series features Picture Mode that provides preset backlight, contrast, brightness, and sharpness that are optimized for different contents such as game and movies. Also, Sound Mode offers equalizer settings that support realistic and dynamic sound reproduction for music and sports.

Excellent Connectivity for Multi-entertainment

2 HDMI connectors, 2 scarts, as well as connectors for D-sub, USB, composite, and component are provided to support convenient multiple connection capabilities for viewing movies, playing games, and accessing digital camera's contents.

Comfortable and Efficient Work Environment

Along with high energy efficiency, M80D's wide screen enables convenient multitasking by working with multiple windows open on a screen. Also, the Multi Connecting Interface makes working with multimedia files simple and easy and is especially useful for editing video clips.

Energy saving & Eco-friendly

Compared to CCFL backlights, the high-efficiency LED backlight of M80D Series reduces energy consumption by 40 percent. M80D understands your concerns for global warming so by decreased the use of fossil fuel, it significantly reduced CO_2 emission.

Conventional M80D Series

Multitasking Display

Now you no longer need to close windows to open new ones. Since LG Monitor TVs range from 20 to 23 inches, you can open two A4-sized windows side-by-side or use gadgets and sidebars while having a window open.

4:3 16:9

Slim & Stylish Design

M80D Series boasts a light-weight body with a slim depth of 16.5mm, which makes the monitor easy to move and increases space efficiency. Moreover, the slim and elegant design adds style to your professional space.