

# ViewSonic® LED DISPLAY VX2458-MHD

## Key Features

- 144Hz refresh rate
- 1ms response time
- AMD FreeSync™ technology
- Black Stabilisation
- Low input lag



## Product Description

The ViewSonic® VX2458-mhd is a 24" (23.6" Viewable) Full HD monitor built for gaming and entertainment. With incredible image quality and a 144hz refresh rate, this monitor is perfect for fast-moving, action-packed movies and high-speed games. AMD FreeSync™ technology virtually eliminates screen tearing and stuttering for fluid game play, while an ultra-fast 1ms response time and low input lag provide smooth, blur-free screen performance. For a game-winning competitive edge, a Game Mode hot key optimises gameplay for FPS, RTS and MOBA. On top of that, our black stabilisation function helps you target enemies lurking in the dark, while enabling the monitor to maintain brilliantly rich colours and contrast for total immersion. Flexible connectivity options such as DisplayPort and HDMI allow you to connect to dedicated graphics cards and gaming consoles. In addition, Flicker-Free technology and a Blue Light Filter help to minimise eyestrain from extended viewing periods. \*This monitor is GeForce Driver G-Sync Enable-Ready [Disclaimer].



1. VESA Compatible (Wall Mount) 100x100mm
2. Menu Control Panel
3. AC Power In
4. HDMI
5. DisplayPort
6. Earphone

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**DISPLAY**

Monitor Size:	24"W (23.6" Viewable)
Panel Technology:	TN TFT LCD
Resolution:	Full HD 1920 x 1080
Display Area:	521.28mm (H) x 293.22mm (V)
Aspect Ratio:	16:9
Brightness:	300 cd/m2 (Typ)
Contrast Ratio:	1000:1 (Typ)
Dynamic Contrast Ratio:	80,000,000:1
Viewing Angles:	170 degrees / 160 degrees (Typ)
Refresh Rate:	144Hz
Response Time:	GtG: 1ms (Typ)
Pixel Size:	0.2715mm (H) x 0.2715mm (V)

**INPUT SIGNAL**

Frequency:	Fh = 15 ~ 180KHz ; Fv = 23 ~ 144Hz
Sync:	TMD5,PCI-E

**COMPATIBILITY**

PC:	Windows 7, Windows 8, Windows 8.1, Windows 10 certified
Mac®:	Power Mac tested

**CONNECTOR**

Input:	HDMI x 2 (v1.4 compatible) DisplayPort x 1 (v1.2 compatible)
Output:	Earphone out x 1 (3.5mm plug)

**AUDIO**

Speaker:	2W x 2
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**USB****POWER**

Power:	3-pin plug (CEE22) x 1
Voltage:	AC 100-240V (Universal); 50/60Hz

**ERGONOMICS**

Tilt:	23 ~ -5 degrees
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**WALL MOUNT**

VESA®:	100mm x 100mm
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**OPERATING CONDITIONS**

Temperature (° F / ° C):	32°F to 104°F (0°C to 40°C)
Humidity:	20% to 90% (no condensation)

**DIMENSIONS (W X H X D) (MM)**

Physical with stand (mm):	558.7mm (W) x 422.4mm (H) x 229.65mm (D)
Physical without stand (mm):	558.7mm (W) x 352.6mm (H) x 45.5mm (D)
Packaging (mm):	619mm (W) x 495mm (H) x 125mm (D)

**WEIGHT**

Net with stand:	4.08kg
Net without stand:	3.63kg
Gross:	5.56kg

**REGULATIONS**

Global:	cULus, FCC-B, ICES003, EPEAT, Energy Star, Mexico- CoC, Mexico Energy, CE, CE EMC, CB,RoHS,ErP, WEEE, REACH, EAC, UkrSEPRO, BSMI, KC, e-Standby, VCCI, PSE, CCC, China RoHS, CEL
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**PACKAGE CONTENTS**

LCD Display
Power Cable (1.5m)
HDMI Cable (1.5m)
Quick Start Guide