



LG Electronics U.K. Ltd.,
LG House,
250 Bath Road,
Slough, Berkshire SL1 4DX

Telephone 01753 491500
Fax 01753 693061

www.lge.co.uk

E&OE. LG's policy is one of continuous improvement and therefore specifications may be altered in the course of manufacture. Information correct at time of going to print, July 2005. (LG MR 0705)

FLATRON LCD

MONITOR RANGE 2005



Life's Good



LG

LG Electronics Inc. is undoubtedly a global pioneer in Digital Display & Media, Digital Appliance, Telecommunication Equipment and Handset technology. Within 50 years of being established, LG is now spearheading advancements in the global consumer electronics market.

Our IT range of products won no less than 26 key industry awards in 2004 alone. The reason behind these successes is simply LG Electronic's pursuit of consumer happiness. This is achieved by developing ground-breaking innovations to give our products the functionality to lead the market, combined with thoughtful and breathtaking designs to make consumers' lives better than ever.

Applying this ethos to all our new product innovations is how LG is leading the trail towards a world where all digital products will be intelligently networked - a world where life's good.

And things just keep getting better. With LG's state-of-the-art 250,000 sq.ft. monitor-manufacturing plant with in-house service capability in Newport, South Wales, LG dramatically reduces lead times and service issues are minimised due to organic technical knowledge.

One goal - making your life good



Premium and Style

40 series

FLATRON LCD L1940PQ	06
FLATRON LCD L1940B	07
FLATRON LCD L1740PQ	08
FLATRON LCD L1740BQ	09

80 series

FLATRON LCD L1980Q	12
FLATRON LCD L1780Q	13

13 series

FLATRON LCD L2013P	16
FLATRON LCD L1713P	17

Main LCD's

50 series

FLATRON LCD L1950H	19
FLATRON LCD L1950G	20
FLATRON LCD L1950S	21
FLATRON LCD L1750H	22
FLATRON LCD L1750G	23
FLATRON LCD L1750S	24
FLATRON LCD L1550S	25

15 series

FLATRON LCD L1915S	27
FLATRON LCD L1715S	28
FLATRON LCD L1515S	29

10 series

FLATRON LCD L1710M	32
FLATRON LCD L1910SM	33

MFT Monitors

FLATRON LCD M2343A-BZ	36
FLATRON LCD L172WT	37
FLATRON LCD M1910A-BZ	38
FLATRON LCD M1710A-BZ	39
FLATRON LCD M1510A-BZ	40
FLATRON LCD M203WX-BZ	41

Large LCD's

FLATRON LCD L4200TF	44
FLATRON LCD L3700TF	45
FLATRON LCD L3200TF	46

Specifications

47

Glossary

56

Awards

60



FLATRON LCD

In a world where space is precious, LG's award winning FLATRON LCD has taken perfectly flat screen technology to the next plain.

Utilising the FLATRON f Engine, the world's first picture-enhancing chip for LCD monitors, the FLATRON screen offers enhanced colour management which means the picture you view expresses natural colours as vividly as life itself, and improves brightness and contrast.

FLATRON sets a new standard in response time of up to 8ms, giving you an unrivalled crispness and clarity of image in even the most intense action sequences, whilst reducing ghosting to a new, near-imperceptible minimum.

S-IPS technology gives the world's widest viewing angle so everyone can benefit from a rich actual picture performance and a high and stable contrast ratio.

Extensive ergonomic design features coupled with the ability to combine with a host of AV devices, such as DVD players, games consoles, and home recording equipment, ensure that all LG monitors provide perfect viewing quality.

Little wonder life's good.

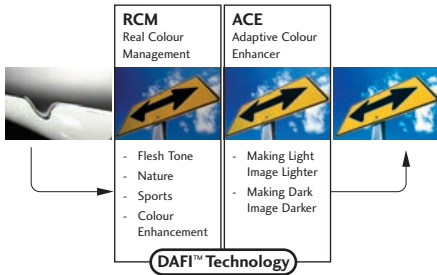
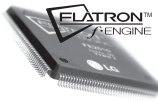
THE ADVANTAGE OF FLATRON LCD

Crystal Clear image

FLATRON f Engine

World's first Picture enhancing chip for LCD monitors.

It uses DAFITM technology which includes a RCM (Real Colour Management) function to express vivid natural colours, and ACE (Adaptive Colour and Contrast Enhancement) function to enhance brightness and contrast. This technology is ideal for mobile imaging in TV, film, mobile games and animation.



Ultra Fast Response Time - 8ms

LG's new LCD Monitors set a new standard for response time at 8ms, far exceeding the standard response time of 25ms or 16ms. At this speed, even the most intense action stays crisp and clear with less ghosting than ever before.



The faster response time, the less ghosting.

Wide Viewing Angle - H:178°, V:178°

(S-IPS Technology)

By adopting S-IPS technology, FLATRON LCD delivers a rich picture performance, including the world's widest viewing angles, high and stable contrast ratios, as well as faster response times.



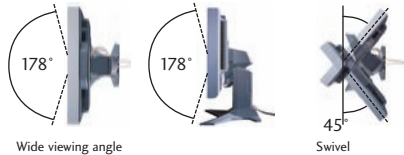
User Friendly Features

Ergonomic Design

LG's FLATRON LCD monitors incorporate extensive ergonomic features that are convenient to use. Fatigue and eyestrain are eliminated thanks to tilt, swivel and adjustment features, as well as its wide viewing angle technology.



Tilt, height adjustment and dual hinge



Various AV/TV Functions with Remote Control and Multimedia Speakers

Enjoy easy and convenient access to a host of AV devices, such as DVD players, Video game consoles, Camcorders, VCR's and more. (HDTV Ready).



The Art of Design

IF and Reddot Design Award 2003 Winners. (FLATRON LCD L2320A has won the IF Design award 2003 and Reddot Design Award 2003 that identify strong design characteristics of the FLATRON Monitor).

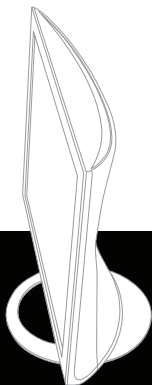


reddot design award
winner 2003



FLATRON LCD 40 Series

Premium and Style



CUTTING EDGE TECHNOLOGY MEETS AWARD WINNING DESIGN

The FLATRON 40 Series is a match of style and functionality by mixing cutting edge image technology with creative and innovative design. Wherever and for whatever usage, FLATRON will suit your tastes perfectly.

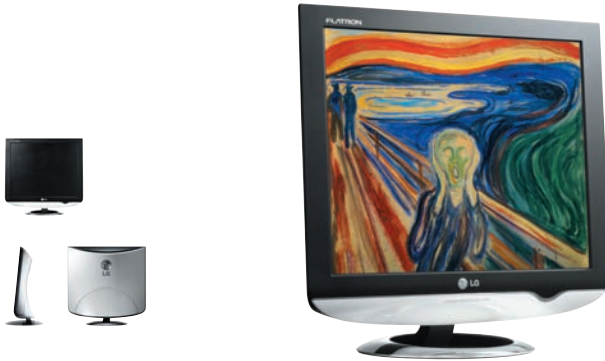




L1940PQ

19" TFT LCD Monitor

- High Brightness: **300cd/m²**
- Ultra Fast Response Time **8ms**
- High Contrast Ratio: **700:1**
The higher the ratio the better an image will appear against a darker background. This helps the LCD produce a clearer, crisper image.
- Wide Viewing Angle: **H:170°, V:170°**
- Resolution: **1280 x 1024**
- TCO 99
- Video Signal Input Connector: **15pin D-sub, DVI (Analogue & Digital)** DVI delivers sharper and cleaner images without any data loss making it suitable for graphic and multimedia users.



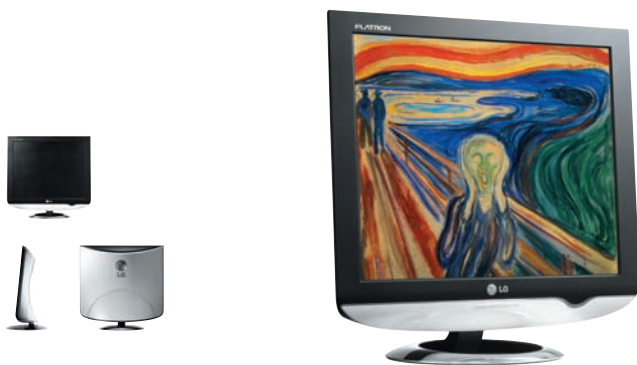
Features

- **Design Styling**
Elegant colour combinations of black and white with a silver stand and curved design creates a stunning monitor
- **Crystal Clear Image**
Enjoy crystal clear images due to the wide viewing angle, high contrast ratio and DVI
- **FLATRON f Engine**
World's first picture enhancing chip for LCD monitors. It uses DAFI™ technology which includes a RCM (Real Colour Management) function to express vivid natural colours and ACE (Adaptive Colour and Contrast Enhancement) function to enhance brightness and contrast. This technology is ideal for mobile imaging for TV, film, mobile games and animation
- With tilt adjustment.

L1940B

19" TFT LCD Monitor

- High Brightness: **250cd/m²**
- Response Time **25ms**
- High Contrast Ratio: **600:1**
The higher the ratio the better an image will appear against a darker background. This helps the LCD produce a clearer, crisper image.
- Wide Viewing Angle: **H:178°, V:178°**
- Resolution: **1280 x 1024**
- TCO 99
- Video Signal Input Connector: **15pin D-sub (Analogue)**



Features

- **Design Styling**
Elegant colour combinations of black and white with a silver stand and curved design creates a stunning monitor
- **Crystal Clear Image**
Enjoy crystal clear images due to the wide viewing angle, high contrast ratio
- **FLATRON f Engine**
World's first picture enhancing chip for LCD monitors. It uses DAFI™ technology which includes a RCM (Real Colour Management) function to express vivid natural colours and ACE (Adaptive Colour and Contrast Enhancement) function to enhance brightness and contrast. This technology is ideal for mobile imaging for TV, film, mobile games and animation
- With tilt adjustment.

L1740PQ

17" TFT LCD Monitor

- High Brightness: **300cd/m²**
- Wide Viewing Angle: **H:170°, V:170°**
- High Contrast Ratio: **700:1**
The higher the ratio the better an image will appear against a darker background. This helps the LCD produce a clearer, crisper image.
- Resolution: **1280 x 1024**
- Ultra Fast Response Time: **8ms**
LG's new LCD Monitors set a new standard for response time at 8ms, far exceeding the standard response time of 25ms, 16ms. At that speed, even the most intense action stays crisp and clear with less ghosting than ever before.
- TCO 99
- Video Signal Input Connector: **15pin D-sub, DVI** (Analogue & Digital)



Features

- **Design Styling**
Elegant colour combinations of black and white with a silver stand and curved design creates a stunning monitor
- **Crystal Clear Image**
Enjoy crystal clear images due to the wide viewing angle, high contrast ratio and DVI
- **FLATRON f Engine**
World's first picture enhancing chip for LCD monitors. It uses DAFI™ technology which includes a RCM (Real Colour Management) function to express vivid natural colours and ACE (Adaptive Colour and Contrast Enhancement) function to enhance brightness and contrast. This technology is ideal for mobile imaging for TV, film, mobile games and animation
- With tilt adjustment.

L1740BQ

17" TFT LCD Monitor

- High Brightness: **300cd/m²**
- Wide Viewing Angle: **H:170°, V:170°**
- High Contrast Ratio: **700:1**

The higher the ratio the better an image will appear against a darker background. This helps the LCD produce a clearer, crisper image.

- Resolution: **1280 x 1024**
- Fast Response Time: **8ms**
LG's new LCD Monitors set a new standard for response time at 8ms, far exceeding the standard response time of 25ms, 16ms. At that speed, even the most intense action stays crisp and clear with less ghosting than ever before.
- TCO 99
- Video Signal Input Connector: **15pin D-sub** (Analogue)

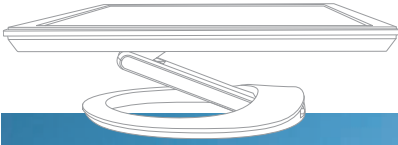


Features

- **Design Styling**
Elegant colour combinations of black and white with a silver stand and curved design creates a stunning monitor
- **Crystal Clear Image**
Enjoy crystal clear images due to the wide viewing angle, high contrast ratio
- **FLATRON f Engine**
World's first picture enhancing chip for LCD monitors. It uses DAFI™ technology which includes a RCM (Real Colour Management) function to express vivid natural colours and ACE (Adaptive Colour and Contrast Enhancement) function to enhance brightness and contrast. This technology is ideal for mobile imaging for TV, film, mobile games and animation
- With tilt adjustment.

FLATRON LCD 80 Series

Premium and Style



THE EPITOME OF ADVANCED TECHNOLOGIES

The FLATRON 80 Series are the finest monitors that epitomise a wide variety of cutting edge technologies. High-tech design, best picture quality and ergonomic functionality optimises the user environment.



THE ADVANTAGES OF THE ULTRA SLIM 80 SERIES

High Tech Design



The World's slimmest monitor.



Pressure sensitive Power button

Just place your finger over it lightly and the blue LED turns on.



The lack of OSD button on the front bezel

An integrated software programme designed to optimise all settings, and equipped with an intuitive GUI which includes many more features, as compared to OSD. So you can **optimise your monitor settings, just by clicking the mouse button.**

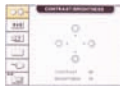


The lack of OSD button on the front bezel

An integrated software programme designed to optimise all settings, and equipped with an intuitive GUI which includes many more features, as compared to OSD. So you can **optimise your monitor settings, just by clicking the mouse button.**



GUI



mouse button



Ergonomic features



Without the need for Pivot software, this computer display can be rotated from landscape to portrait.



AutoMirror changes **the displayed contents automatically** when the screen is flipped over.



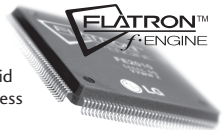
Improve dual hinge stand with tilt and folding functions.



FLATRON f Engine

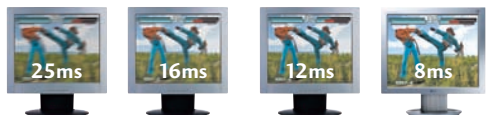
World's first Picture enhancing chip for LCD monitors.

It uses DAFI™ technology which includes an RCM (Real Colour Management) function to express vivid natural colours, and ACE (Adaptive Colour and Contrast Enhancement) function to enhance brightness and contrast. The technology is ideal for mobile imaging in TV, film, mobile games and animation.



Ultra Fast Response Time - 8ms

LG's new LCD Monitors set a new standard for response time at 8ms, far exceeding the standard response time of 25ms or 16ms. At this speed, even the most intense action stays crisp and clear with less ghosting than ever before.



The faster response time, the less ghosting appears.

L1980Q

19" Ultra Slim TFT LCD Monitor

- High Brightness : **250cd/m²**
- Wide Viewing Angle: **H:160°, V:160°**
- Resolution: **1280 x 1024**
- High Contrast Ratio: **500:1**
The higher the ratio the better an image will appear against a darker background. This helps the LCD produce a clearer, crisper image.

- Ultra Fast Response Time: **8ms**
LG's new LCD Monitors set a new standard for response time at 8ms, far exceeding the standard response time of, 25ms, 16ms, 12ms. At that speed, even the most intense action stays crisp and clear with less ghosting than ever before.
- TCO 99
- Video Signal Input Connector: **15pin D-sub, DVI (Analogue & Digital)**



Features

- Black monitor with silver stand
- Ultra slim design, head depth (26mm) and folding depth (52mm)
- Monitor rotates, allowing the content to automatically rotate without the need for additional software. Pivot direction is clockwise only
- Flip over the monitor head 360° and the contents automatically adjusts to the turned screen
- The image quality can be adjusted by using the Mouse Control.

L1780Q

17" Ultra Slim TFT LCD Monitor

- High Brightness : **250cd/m²**
- Wide Viewing Angle: **H:160°, V:160°**
- Resolution: **1280 x 1024**
- High Contrast Ratio: **500:1**
The higher the ratio the better an image will appear against a darker background. This helps the LCD produce a clearer, crisper image.
- Ultra Fast Response Time: **8ms**
LG's new LCD Monitors set a new standard for response time at 8ms, far exceeding the standard response time of, 25ms, 16ms, 12ms. At that speed, even the most intense action stays crisp and clear with less ghosting than ever before.
- TCO 99
- Video Signal Input Connector: **15pin D-sub, DVI (Analogue & Digital)**

80 series



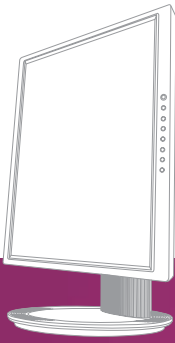
Features

- Black monitor with silver stand
- Ultra slim design, head depth (26mm) and folding depth (52mm)
- Monitor rotates, allowing the content to automatically rotate without the need for additional software. Pivot direction is clockwise only
- Flip over the monitor head 360° and the contents automatically adjusts to the turned screen
- The image quality can be adjusted by using the Mouse Control.

FLATRON LCD

Model Update: L1780Q Plus
300cd/m², 1600:1, H:170°, V170°

FLATRON LCD 13 Series





L2013P

20" Slim Bezel TFT LCD Monitor

- High Brightness: **250cd/m²**
- Wide Viewing Angle: **H:178°, V:178°**
- Resolution: **1600 x 1200**

- High Contrast Ratio: **500:1**
The higher the ratio the better an image will appear against a darker background. This helps the LCD produce a clearer, crisper image.
- Response Time: **16ms**
- TCO 03
- Video Signal Input Connector: **15Pin D-Sub, DVI** (Analogue & Digital)



Features

- Silver colour monitor with black stand
- **Crystal Clear Image**
Enjoy crystal clear images thanks to the high contrast ratio, ultra fast response time and DVI
- **LightView Function**
Lightview function allows users to freely adjust the brightness and contrast according to your environment, for perfect viewing
- With tilt, swivel, pivot and height adjustment.

L1713P

17" Slim Bezel TFT LCD Monitor

- High Brightness: **300cd/m²**
- Wide Viewing Angle: **H:160°, V:140°**
- Resolution: **1280 x 1024**

- High Contrast Ratio: **500:1**
The higher the ratio the better an image will appear against a darker background. This helps the LCD produce a clearer, crisper image.
- Response Time: **16ms**
- TCO 03
- Video Signal Input Connector: **15Pin D-Sub, DVI (Analogue & Digital)**



Features

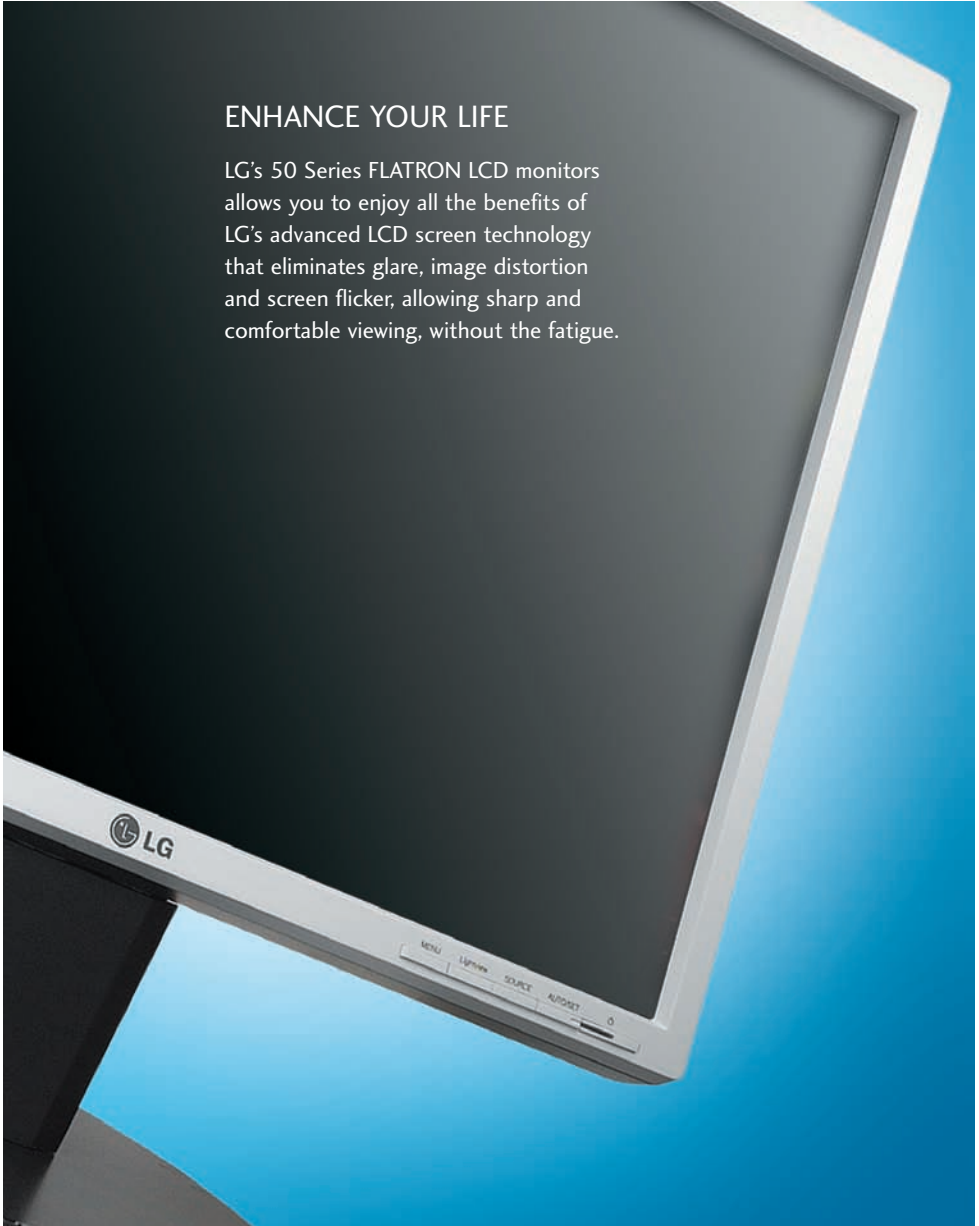
- Silver colour monitor with black stand
- **Crystal Clear Image**
Enjoy crystal clear images thanks to the high contrast ratio, ultra fast response time and DVI
- **LightView Function**
Lightview function allows users to freely adjust the brightness and contrast according to your environment, for perfect viewing
- With tilt, swivel, pivot and height adjustment.

FLATRON LCD 50 Series

Main LCD's

ENHANCE YOUR LIFE

LG's 50 Series FLATRON LCD monitors allows you to enjoy all the benefits of LG's advanced LCD screen technology that eliminates glare, image distortion and screen flicker, allowing sharp and comfortable viewing, without the fatigue.



L1950H

19" Ultra Slim Bezel TFT LCD Monitor

- Brightness: **250cd/m²**
- Fast Response time: **12ms**
LG's new LCD Monitors set a new standard for response time, far exceeding the standard response time of 25ms, 16ms. At that speed, even the most intense action stays crisp and clear with less ghosting than ever before.
- High Contrast Ratio: **500:1**
- Wide Viewing Angle: **H:160°, V:160°**
- Resolution: **1280 x 1024**
- TCO 03
- Video Signal Input Connector: **15Pin D-Sub, DVI** (Analogue and Digital) DVI delivers sharper and cleaner images without any data loss making it suitable for graphic and multimedia users.



Features

- Silver monitor with black stand
- **Narrow Bezel Design - Ideal for commercial use**
Ultra Narrow bezel design enables monitors to be tiled making them ideal for trading floors, banks, airports, design centre and etc.
- **LightView Function**
Lightview function allows users to freely adjust the brightness and contrast according to your environment, for perfect viewing
- **Certified TCO 03**
Tighter regulations than TCO 99, it guarantees excellent ergonomics, and better visual performance
- With tilt, swivel and height adjustment.

FLATRON LCD

Model Update: L1950B
8ms, 300cd/m², 700:1, H:170°, V170°
Height adjust from desk level upwards

L1950G

19" Ultra Slim Bezel TFT LCD Monitor

- Brightness: **250cd/m²**
- Fast Response Time: **12ms**
LG's new LCD Monitors set a new standard for response time, far exceeding the standard response time of 25ms, 16ms. At that speed, even the most intense action stays crisp and clear with less ghosting than ever before.
- High Contrast Ratio: **500:1**
- Wide Viewing Angle: **H:160°, V:160°**
- Resolution: **1280 x 1024**
- TCO 03
- Video Signal Input Connector: **15Pin D-Sub** (Analogue)



Features

- Silver monitor with black stand
- **Narrow Bezel Design - Ideal for commercial use**
Ultra Narrow bezel design enables monitors to be tiled making them ideal for trading floors, banks, airports, design centre and etc.
- **LightView Function**
Lightview function allows users to freely adjust the brightness and contrast according to your environment, for perfect viewing
- **Certified TCO 03**
Tighter regulations than TCO 99, it guarantees excellent ergonomics, and better visual performance
- With tilt, swivel and height adjustment.

Model Update: L1950E
8ms, 300cd/m², 700:1, H:170°, V170°
Height adjust from desk level upwards

FLATRON LCD

L1950S

19" Ultra Slim Bezel TFT LCD Monitor

- Brightness: **250cd/m²**

- Fast Response Time: **12ms**

LG's new LCD Monitors set a new standard for response time, far exceeding the standard response time of 25ms, 16ms. At that speed, even the most intense action stays crisp and clear with less ghosting than ever before.

- High Contrast Ratio: **500:1**

- Wide Viewing Angle: **H:160°, V:160°**

- Resolution: **1280 x 1024**

- TCO 03

- Video Signal Input Connector: **15Pin D-Sub (Analogue)**



Features

- Silver monitor with black stand
- **Narrow Bezel Design - Ideal for commercial use**
Ultra Narrow bezel design enables monitors to be tiled making them ideal for trading floors, banks, airports, design centre and etc.
- **LightView Function**
Lightview function allows users to freely adjust the brightness and contrast according to your environment, for perfect viewing
- **Certified TCO 03**
Tighter regulations than TCO 99, it guarantees excellent ergonomics, and better visual performance
- With tilt and swivel adjustment.

FLATRON LCD

Model Update: L1950SQ
8ms, 300cd/m², 700:1, H:170°, V170°

L1750H

17" Ultra Slim Bezel TFT LCD Monitor

- High Brightness: **250cd/m²**
- Fast Response Time: **12ms**
LG's new LCD Monitors set a new standard for response time, far exceeding the standard response time of 25ms, 16ms. At that speed, even the most intense action stays crisp and clear with less ghosting than ever before.
- TCO 03
- High Contrast Ratio: **500:1**
- Wide Viewing Angle: **H:160°, V:160°**
- Resolution: **1280 x 1024**
- Video Signal Input Connector: **15Pin D-Sub, DVI** (Analogue and Digital) DVI delivers sharper and cleaner images without any data loss making it suitable for graphic and multimedia users.



Features

- Silver monitor with black stand
- **Narrow Bezel Design - Ideal for commercial use**
Ultra Narrow bezel design enables monitors to be tiled making them ideal for trading floors, banks, airports, design centre and etc.
- **LightView Function**
Lightview function allows users to freely adjust the brightness and contrast according to your environment, for perfect viewing
- **Certified TCO 03**
Tighter regulations than TCO 99, it guarantees excellent ergonomics, and better visual performance
- With tilt, swivel and height adjustment.

Model Update: L1750B
8ms, 300cd/m², 700:1, H:170°, V170°
Height adjust from desk level upwards

FLATRON LCD

L1750G

17" Ultra Slim Bezel TFT LCD Monitor

- High Brightness: **250cd/m²**

- Fast Response Time: **12ms**

LG's new LCD Monitors set a new standard for response time, far exceeding the standard response time of 25ms, 16ms. At that speed, even the most intense action stays crisp and clear with less ghosting than ever before.

- TCO 03

- High Contrast Ratio: **500:1**

- Wide Viewing Angle: **H:160°, V:160°**

- Resolution: **1280 x 1024**

- Video Signal Input Connector: **15Pin D-Sub** (Analogue)



Features

- Silver monitor with black stand
- **Narrow Bezel Design - Ideal for commercial use**
Ultra Narrow bezel design enables monitors to be tiled making them ideal for trading floors, banks, airports, design centre and etc.
- **LightView Function**
Lightview function allows users to freely adjust the brightness and contrast according to your environment, for perfect viewing
- **Certified TCO 03**
Tighter regulations than TCO 99, it guarantees excellent ergonomics, and better visual performance
- With tilt, swivel and height adjustment.

FLATRON LCD

Model Update: L1750E

8ms, 300cd/m², 700:1, H:170°, V170°

Height adjust from desk level upwards

L1750S

17" Ultra Slim Bezel TFT LCD Monitor

- High Brightness: **250cd/m²**
- Fast Response Time: **12ms**
LG's new LCD Monitors set a new standard for response time, far exceeding the standard response time of 25ms, 16ms. At that speed, even the most intense action stays crisp and clear with less ghosting than ever before.
- TCO 03
- High Contrast Ratio: **500:1**
- Wide Viewing Angle: **H:160°, V:160°**
- Resolution: **1280 x 1024**
- Video Signal Input Connector: **15Pin D-Sub (Analogue)**



Features

- Silver monitor with black stand
- **Narrow Bezel Design - Ideal for commercial use**
Ultra Narrow bezel design enables monitors to be tiled making them ideal for trading floors, banks, airports, design centre and etc.
- **LightView Function**
Lightview function allows users to freely adjust the brightness and contrast according to your environment, for perfect viewing
- **Certified TCO 03**
Tighter regulations than TCO 99, it guarantees excellent ergonomics, and better visual performance
- With tilt and swivel adjustment.

FLATRON LCD

Model Update: L1750SQ
8ms, 300cd/m², 700:1, H:170°, V170°

L1550S

15" Ultra Slim Bezel TFT LCD Monitor

- High Brightness: **250cd/m²**
- Fast Response Time: **16ms**
- High Contrast Ratio: **450:1**
- Wide Viewing Angle: **H:160°, V:140°**
- Resolution: **1024 x 768**
- Video Signal Input Connector: **15Pin D-Sub (Analogue)**
- TCO 99



Features

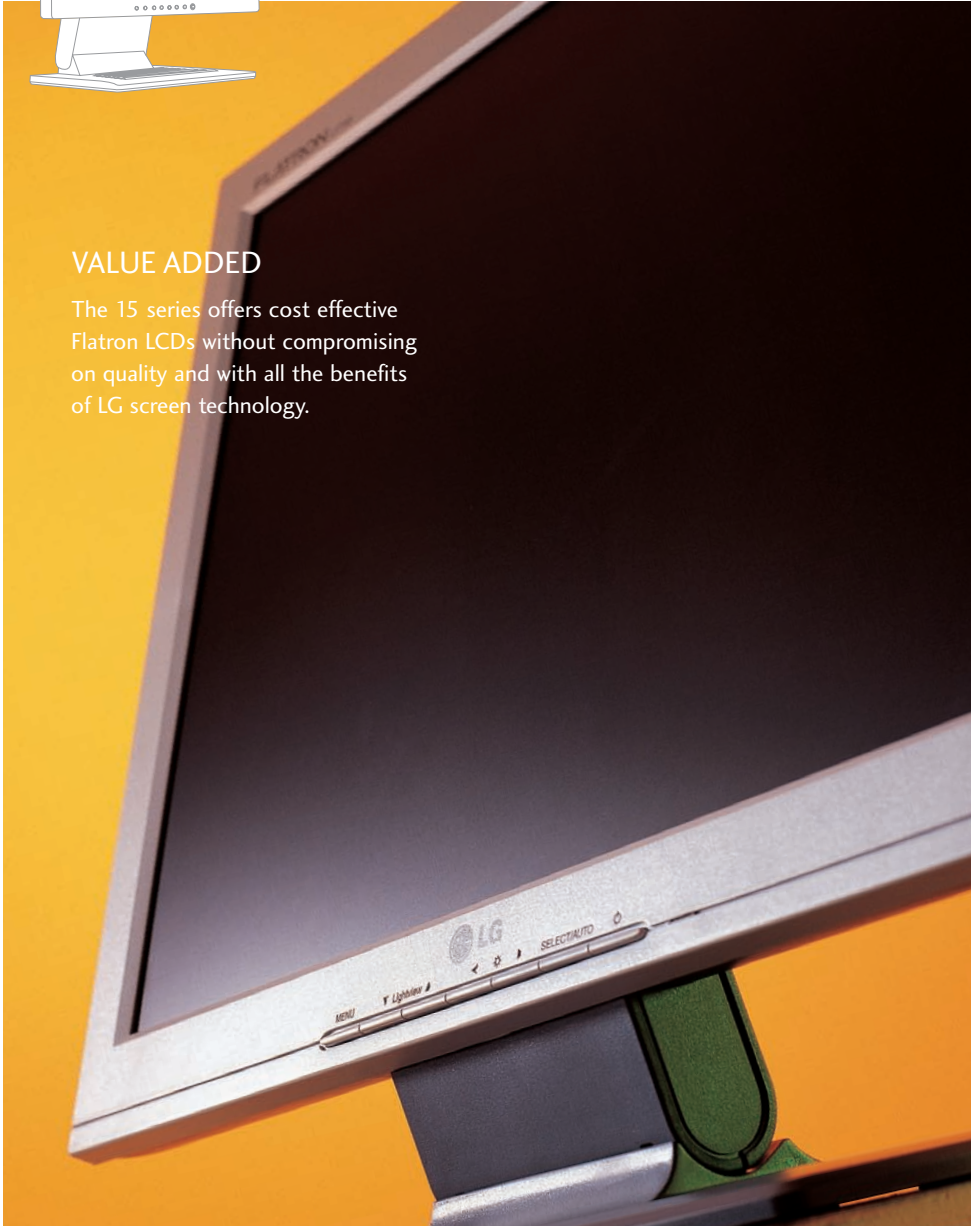
- Silver monitor with black stand
- **Narrow Bezel Design - Ideal for commercial use**
Ultra Narrow bezel design enables monitors to be tiled making them ideal for trading floors, banks, airports, design centre and etc.
- **LightView Function**
Lightview function allows users to freely adjust the brightness and contrast according to your environment, for perfect viewing
- With tilt adjustment.



FLATRON LCD 15 Series

VALUE ADDED

The 15 series offers cost effective Flatron LCDs without compromising on quality and with all the benefits of LG screen technology.



L1915S

19" TFT LCD Monitor

- High Brightness: **250cd/m²**
- Wide Viewing Angle: **H:160°, V:160°**
- Resolution: **1280 x 1024**
- High Contrast Ratio: **500:1**
The higher the ratio the better an image will appear against a darker background. This helps the LCD produce a clearer, crisper image.
- Fast Response Time: **12ms**
LG's new LCD Monitors set a new standard for response time, far exceeding the standard response time of 25ms, 16ms. At that speed, even the most intense action stays crisp and clear with less ghosting than ever before.
- TCO 99
- Video Signal Input Connector: **15Pin D-Sub** (Analogue)



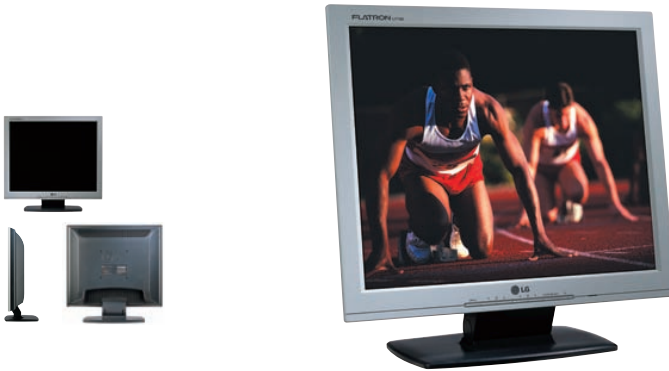
Features

- Light grey colour monitor with charcoal stand
- **Crystal Clear Image**
Enjoy crystal clear images thanks to the high contrast ratio and fast response time
- **LightView Function**
Lightview function allows users to freely adjust the brightness and contrast according to your environment, for perfect viewing
- With tilt adjustment.

L1715S

17" TFT LCD Monitor

- High Brightness: **250cd/m²**
- Wide Viewing Angle: **H:160°, V:140°**
- Resolution: **1280 x 1024**
- High Contrast Ratio: **500:1**
The higher the ratio the better an image will appear against a darker background. This helps the LCD produce a clearer, crisper image.
- Response Time: **16ms**
- TCO 99
- Video Signal Input Connector: **15Pin D-Sub** (Analogue)



Features

- Light grey colour monitor with charcoal stand
- **Crystal Clear Image**
Enjoy crystal clear images thanks to the high contrast ratio and fast response time
- **LightView Function**
Lightview function allows users to freely adjust the brightness and contrast according to your environment, for perfect viewing
- With tilt adjustment.

L1515S

15" TFT LCD Monitor

- High Brightness: **250cd/m²**
- Wide Viewing Angle: **H:160°, V:140°**
- Resolution: **1024 x 768**

- High Contrast Ratio: **450:1**
The higher the ratio the better an image will appear against a darker background. This helps the LCD produce a clearer, crisper image.
- Response Time: **16ms**
- TCO 99
- Video Signal Input Connector: **15pin D-sub** (Analogue)



Features

- Light grey colour monitor with charcoal stand
- **Crystal Clear Image**
Enjoy crystal clear images thanks to the high contrast ratio and fast response time
- **LightView Function**
Lightview function allows users to freely adjust the brightness and contrast according to your environment, for perfect viewing
- With tilt adjustment.

FLATRON LCD 10 Series





SOUND CHOICE

Our 10 series monitors feature in-built speakers ensuring that they are ideal for multimedia applications.

L1710M

17" TFT LCD Monitor with Speakers

- High Brightness: **250cd/m²**
- Wide Viewing Angle: **H:160°, V:140°**
- Resolution: **1280 x 1024**
- High Contrast Ratio: **500:1**
The higher the ratio the better an image will appear against a darker background. This helps the LCD produce a clearer, crisper image.
- Response Time: **16ms**
- TCO 99
- Video Signal Input Connector: **15pin D-sub** (Analogue)



Features

- Silver colour monitor with black stand
- **Integrated Speakers**
Ensures that this is an ideal monitor for any multimedia based application
- **Integrated Power Block**
Reduces cable clutter and allows for easy wall mounting
- **LightView Function**
Lightview function allows users to freely adjust the brightness and contrast according to your environment, for perfect viewing
- With tilt and swivel adjustment.

FLATRON LCD

L1910SM

19" TFT LCD Monitor with Speakers

- High Brightness: **250cd/m²**
- Wide Viewing Angle: **H:178° , V:178°**
- Resolution: **1280 x 1024**

- High Contrast Ratio: **600:1**
The higher the ratio the better an image will appear against a darker background. This helps the LCD produce a clearer, crisper image.
- Response Time: **25ms**
- TCO 99
- Video Signal Input Connector: **15pin D-sub** (Analogue)



Features

- Silver colour monitor with black stand
- **Integrated Speakers**
Ensures that this is an ideal monitor for any multimedia based application
- **Integrated Power Block**
Reduces cable clutter and allows for easy wall mounting
- **LightView Function**
Lightview function allows users to freely adjust the brightness and contrast according to your environment, for perfect viewing
- With tilt and swivel adjustment.

FLATRON LCD



FLATRON LCD MFT

Multi-Function monitors with TV tuner



MORE FEATURES, MORE FUN

LG's MFT FLATRON LCD monitors offer multi-purpose all-in-one display solutions for a wide variety of uses. You can enjoy easy and convenient access to AV devices such as DVD players, VCR's, games consoles and many more.

MULTIMEDIA USER'S CHOICE: FLATRON MFT MONITORS

Various AV/TV functions

Enjoy easy and convenient access to AV/TV devices such as DVD players, VCR's, Video game consoles, camcorders and more.



Ultra Fast Response Time

LG's new LCD Monitors sets a new standard for response at 8ms, far exceeding the standard response time of 25ms or 16ms. So user can enjoy smooth and flicker free images rather than before.



The faster response time, the less ghosting.

Especially, when user enjoy the video games and motion pictures, they recognise real worth of LG's new FLATRON Monitor with ultra fast response time.

SRS WOW

It delivers an incredible listening experience to any music genre, providing rich bass and an amazing 3D listening experience.



PIP/PBP/POP

Multi tasking functions allows you to view images from two different sources at once.



Family Model



M2343A-BZ

23" WXGA TFT LCD Monitor with TV tuner

- High Brightness: **600cd/m²**
- Ultra Fast Response Time: **8ms (GTG)**
- High Contrast Ratio: **550:1**
- Resolution: **1366 x 768**
- Video Signal Input Connector: **15pin D-sub, DVI-D, SVHS, CVBS, SCART, TV**
- Wide Viewing Angle: **H:178°, V:178°**
S-ISP Technology. By adopting S-IPS technology, FLATRON LCD M2343A-BZ enables a rich actual picture performance including the world's widest viewing angle, high and stable contrast ratio, as well as faster response time.
- Tilt function



Features

- Black and white bezel with chrome stand
- **Wide Screen in 15:9 Aspect Ratio**
The 15:9 aspect ratio gives you the best conditions for viewing TV & DVD movies and for playing video games
- **Various AV/TV Functions with Remote Control and Multimedia Speakers (Stereo 3W x 3W).** Enjoy easy and convenient access to AV devices such as DVD player, Video game console, Camcorder, VCR and more. (HDTV Ready)
- **Multitude of features for Multimedia User**
PIP/POP/PBP/PSM/SSM/SRS WOW
- Microphone and headphone jack.

FLATRON LCD

L172WT

17" WXGA TFT LCD Monitor with TV tuner

- Brightness: **450cd/m²**
- Fast Response Time: **12ms (GTG)**
LG's new LCD Monitors set a new standard for response time at 12ms, far exceeding the standard response time of 25ms, 16ms. At that speed, even the most intense action stays crisp and clear with less ghosting than ever before.

- High Contrast Ratio: **600:1**
The higher the ratio the better an image will appear against a darker background. This helps the LCD produce a clearer, crisper image.
- Wide Viewing Angle: **H:178°, V:178°**
(S-IPS Technology)
- Resolution: **1280 x 768**
- Video Signal Input Connector: **DVI, CVBS, S-Video, TV**
- Tilt Function



Features

- Silver colour monitor with chrome stand
- **Wide Screen in 15:9 Aspect Ratio**
The 15:9 aspect ratio gives you the best conditions for viewing TV & DVD movies and for playing video games
- **Various AV/TV Functions with Remote Control and Multimedia Speakers (Stereo 3W x 3W).** Enjoy easy and convenient access to AV devices such as DVD player, Video game console, Camcorder, VCR and more. (HDTV Ready)
- **Multitude of features for Multimedia User**
PIP/POP/PBP/PSM/SSM/SRS WOW
- Microphone and headphone jack.

M1910A-BZ

19" TFT LCD Monitor
with TV tuner

- Ultra High Brightness: **250cd/m²**

- Fast Response Time: **12ms**

LG's new LCD Monitors set a new standard for response time, far exceeding the standard response time of 25ms, 16ms. At that speed, even the most intense action stays crisp and clear with less ghosting than ever before.

- High Contrast Ratio: **500:1**

The higher the ratio the better an image will appear against a darker background. This helps the LCD produce a clearer, crisper image.

- Viewing Angle: **H:160°, V:160°**

- Resolution: **1280 x 1024**

- Video Signal Input Connector: **15Pin D-Sub, PC Audio In, Composite, S-Video**

- Tilt Function



Features

- Black and white bezel with chrome stand. Black bezel available soon
- **Integrated speakers**
Ensures that this is an ideal monitor for any multimedia based application
- **Various AV/TV Functions with Remote Control (TV Tuner pack included), Multimedia Speakers (Stereo 3W x 3W)**
Enjoy easy and convenient access to AV devices such as a DVD players, video game consoles, camcorders, VCR's and more. (HDTV Ready).

M1710A-BZ

17" TFT LCD Monitor with TV tuner

- Ultra High Brightness: **250cd/m²**
- Ultra Fast Response Time: **8ms**
LG's new LCD Monitors set a new standard for response time at 8ms, far exceeding the standard response time of 12ms, 25ms, 16ms. At that speed, even the most intense action stays crisp and clear with less ghosting than ever before.

- Contrast Ratio: **500:1**
The higher the ratio the better an image will appear against a darker background. This helps the LCD produce a clearer, crisper image.
- Viewing Angle: **H:160°, V:160°**
- Resolution: **1280 x 1024**
- Video Signal Input Connector: **15Pin D-Sub, PC Audio In, Composite, S-Video**
- Tilt Adjustment



Features

- Black and white bezel with chrome stand. Black bezel available soon
- **Integrated Speakers**
Ensures that this is an ideal monitor for any multimedia based application
- **Various AV/TV Functions with Remote Control (TV Tuner pack included), Multimedia Speakers (Stereo 3W x 3W)**
Enjoy easy and convenient access to AV devices such as a DVD players, video game consoles, camcorders, VCR's and more. (HDTV Ready).

M1510A-BZ

15" TFT LCD Monitor with TV tuner

- Brightness: **250cd/m²**
- Response Time: **16ms**
- Contrast Ratio: **400:1**
The higher the ratio the better an image will appear against a darker background. This helps the LCD produce a clearer, crisper image.
- Viewing Angle: **H:160°, V:140°**
- Resolution: **1024 x 768**
- Video Signal Input Connector: **15Pin D-Sub, PC Audio In, Composite and S-Video**
- Tilt Adjustment



Features

- **Black and white bezel with chrome stand.** Black bezel available soon
- **Integrated Speakers**
Ensures that this is an ideal monitor for any multimedia based application
- **Various AV/TV Functions with Remote Control (TV Tuner pack included), Multimedia Speakers (Stereo 1W x 1W)**
Enjoy easy and convenient access to AV devices such as a DVD players, video game consoles, camcorders, VCR's and more (HDTV Ready).

M203WX-BZ

20" WSXGA TFT LCD Monitor with TV tuner

- Brightness: **300cd/m²**
- Response Time: **16ms**
- High Contrast Ratio: **600:1**
The higher the ratio the better an image will appear against a darker background. This helps the LCD produce a clearer, crisper image.
- Viewing Angle: **H:178°, V:178°**
- Resolution: **1680 x 1050**
- Video Signal Input Connector: **15Pin D-Sub, DVI, TV, CVBS, SCART, S-VHS**
- TCO 99
- Tilt Function



Features

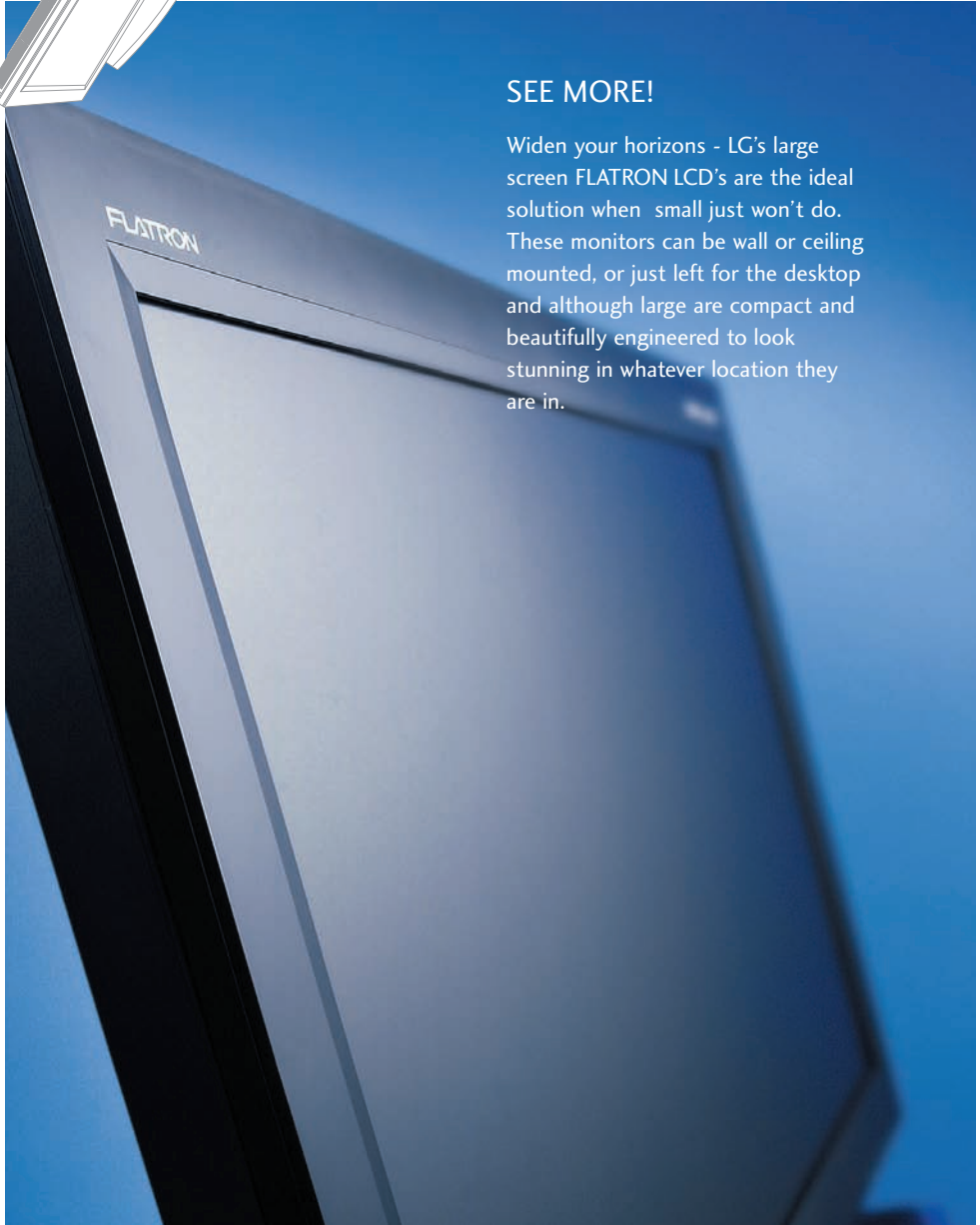
- Black and white bezel with chrome stand. Black bezel available soon
- Widescreen in 16:10 aspect ratio
Its 16:10 gives you the best conditions for viewing TV and DVD movies and playing video games
- Various AV/TV Functions with Remote Control (TV Tuner pack included), Multimedia Speakers (Stereo 5W x 5W)
Enjoy easy and convenient access to AV devices such as a DVD players, video game consoles, camcorders, VCR's and more. (HDTV Ready)
- Multitude of Features for Multimedia user
PIP/PBP/POP, PSM, SRS WOW and SSM.

FLATRON LCD

FLATRON LCD Large LCD's

SEE MORE!

Widen your horizons - LG's large screen FLATRON LCD's are the ideal solution when small just won't do. These monitors can be wall or ceiling mounted, or just left for the desktop and although large are compact and beautifully engineered to look stunning in whatever location they are in.



FLATRON LARGE LCD'S IDEAL FOR PUBLIC INFORMATION DISPLAYS

The large screen, coupled with its ultra high brightness and multitude of features, makes it well suited for presenting information to large groups of people.



High Performance

Superior Resolution

FLATRON LCD L4200TF is a WXGA LCD monitor, which means more information on screen and better visibility from longer distances at the wide format. Ideally suited for text heavy information displays such as airports, financial institutions and menu board in restaurants.

Ultra high Brightness

FLATRON LCD L4200TF's ultra high brightness module sets a new standard in brightness at 500cd/m² far exceeding the standard of 250cd/m².



FLATRON LCD L4200TF

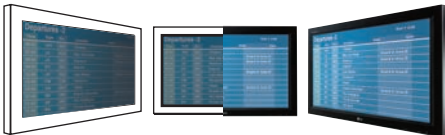


Standard monitor

Wide Viewing Angle

(S-IPS Technology)

S-IPS technology allows viewers to see the same still or moving images at any vertical or horizontal angle without any substantial loss in picture quality.



Standard monitor

H: 178° V: 178° FLATRON LCD L4200TF

Advantage to PDP

Compared to the PDP, LCD has significant advantages in terms of product life, power consumption, noise and glare.

No Phosphor Burn-in and Semi-permanent Product Life

The basic structure of LCD makes it a durable, semi-permanent product without the phosphor burn-in apparent in CRT and other displays. Phosphor burn-in makes the TV screens dark and eroded, especially when the same images are played for extended periods of time. Burn-in is a severe problem for airports, banks, and other environments where text information is heavily used.

LCD's are immune to these problems

LCD's are self luminance displays filtering light through Colour filters to express different colours. Unlike traditional CRT's or the recent PDPs, **LCD displays fundamentally do not have the problems related to screen burn-in.**



Flatron LCD L4200TF



Other display



Standard XGA PDP



FLATRON LCD

L4200TF

42" WXGA TFT LCD Monitor

- High Brightness: **500cd/m²**
- Ultra Fast Response Time: **10ms GTG**
- High Contrast Ratio: **1000:1**
- Wide Viewing Angle: **H:178°, V:178°**
- Resolution: **1366 x 768**
- Flexible Input ports suitable for commercial use: **15Pin D-Sub, DVI, CVBS, S-video, Audio In/Out, Component (SCART), TV**



Features

- **Black monitor with chrome stand**
- **Ideal as Public Information Display**
The large screen, coupled with its ultra high brightness and multitude of features, makes it well suited for presenting information to large groups of people
- **Crystal Clear Image**
Enjoy crystal clear images due to the ultra fast response time, high contrast ratio and wide viewing angle
- **Multitude of Features**
PIP, SRS WOW, PSM and Zoom
- **Various AV/TV Functions with Remote Control (Optional TV Tuner pack), Multimedia Speakers (Stereo 10W x 10W)**
Enjoy easy and convenient access to AV devices such as DVD players, Video game consoles, Camcorders, VCR's and more. (HDTV Ready)
- **RS-232C - Multi-Monitor connectivity feature**
This enables remote controlling of multiple monitors with a single computer. Users can control the power, contrast, brightness, volume, etc with a single computer source by inter-connecting cables
- **With swivel adjustment.**

L3700TF

37" WXGA TFT LCD Monitor

- High Brightness: **500cd/m²**
- Ultra Fast Response Time: **8ms GTC**
- High Contrast Ratio: **1000:1**
The higher the ratio the better an image will appear against a darker background. This helps the LCD produce a clearer, crisper image.
- Wide Viewing Angle: **H:178°, V:178°** (S-IPS Technology)
- Resolution: **1366 x 768**
- Flexible Input ports suitable for commercial use: **15Pin D-Sub, DVI, CVBS, S-video, Component, Audio In/Out, Component (SCART), TV**

large lcd



Features

- Black monitor with chrome stand
- **Ideal as Public Information Display**
The large screen, coupled with its ultra high brightness and multitude of features, makes it well suited for presenting information to large groups of people
- **Crystal Clear Image**
Enjoy crystal clear images due to the ultra fast response time, high contrast ratio and wide viewing angle
- **Multitude of Features**
PIP, SRS WOW, PSM and Zoom
- **Various AV/TV Functions with Remote Control (Optional TV Tuner pack), Multimedia Speakers (Stereo 10W x 10W)**
Enjoy easy and convenient access to AV devices such as DVD players, Video game consoles, Camcorders, VCR's and more. (HDTV Ready)
- **RS-232C - Multi-Monitor connectivity feature**
This enables remote controlling of multiple monitors with a single computer. Users can control the power, contrast, brightness, volume, etc with a single computer source by inter-connecting cables
- With swivel adjustment.

L3200TF

32" WXGA TFT LCD Monitor

- High Brightness: **500cd/m²**
- Ultra Fast Response Time: **8ms GTG**
- High Contrast Ratio: **1000:1**
The higher the ratio the better an image will appear against a darker background. This helps the LCD produce a clearer, crisper image.
- Wide Viewing Angle: **H:178°, V:178°** (S-IPS Technology)
- Resolution: **1366 x 768**
- Flexible Input ports suitable for commercial use: **15Pin D-Sub, DVI, CVBS, S-video, Component, Audio In/Out, Component (SCART), TV**



Features

- Silver monitor with chrome stand
- **Ideal as Public Information Display**
The large screen, coupled with its ultra high brightness and multitude of features, makes it well suited for presenting information to large groups of people
- **Crystal Clear Image**
Enjoy crystal clear images due to the ultra fast response time, high contrast ratio and wide viewing angle
- **Multitude of Features**
PIP, SRS WOW, PSM and Zoom
- **Various AV/TV Functions with Remote Control (Optional TV Tuner pack), Multimedia Speakers (Stereo 10W x 10W)**
Enjoy easy and convenient access to AV devices such as DVD players, Video game consoles, Camcorders, VCR's and more. (HDTV Ready)
- **RS-232C - Multi-Monitor connectivity feature**
This enables remote controlling of multiple monitors with a single computer. Users can control the power, contrast, brightness, volume, etc with a single computer source by inter-connecting cables
- With swivel adjustment.

Specifications



40 series

FLATRON LCD L1940PQ	48
FLATRON LCD L1940B	48
FLATRON LCD L1740PQ	48
FLATRON LCD L1740BQ	48



80 series

FLATRON LCD L1980Q	49
FLATRON LCD L1780Q	49



13 series

FLATRON LCD L2013P	49
FLATRON LCD L1713P	49



50 series

FLATRON LCD L1950H	50
FLATRON LCD L1950G	50
FLATRON LCD L1950S	50
FLATRON LCD L1750H	50
FLATRON LCD L1750G	51
FLATRON LCD L1750S	51
FLATRON LCD L1550S	51



15 series

FLATRON LCD L1915S	51
FLATRON LCD L1715S	52
FLATRON LCD L1515S	52

10 series

FLATRON LCD L1710M	52
FLATRON LCD L1910SM	52



MFT

FLATRON LCD M2343A-BZ	53
FLATRON LCD L172WT	53
FLATRON LCD M1910A-BZ	53
FLATRON LCD M1710A-BZ	53
FLATRON LCD M1510A-BZ	54
FLATRON LCD M203WX-BZ	54



Large LCD's

FLATRON LCD L4200TF	54
FLATRON LCD L3700TF	54
FLATRON LCD L3200TF	55


L1940PQ

19"
300 cd/m² (Typical)
700:1 (Typical)
H: 170°; V: 170°
8ms (Typical)
16.8M Colours
1280 x 1024

30 - 83 KHz
56 - 75 Hz
1280 x 1024 @ 75Hz Analogue
1280 x 1024 @ 60Hz Digital

RGB Analogue/Digital (Separate, Composite, SOG, Digital)
15 Pin D-Sub / DVI-D
90-264V AC(47-63 Hz), Built in Type
442.3 x 507 x 165
7.3
VESA
FLATRON f Engine, forte View

AV/TV

-

-

Tilt

Less than 43 watts

Less than 1 watts

Less than 1 watts

DDC 2B

-

Yes

TCO 99, ISO 13406-2, UL, CUL,
TUV-GS, SEMCO, GOST CE, FCC-B,
C-TICK, VCCI-2, EPA Energy Star

6


L1940B

19"
250 cd/m² (Typical)
600:1 (Typical)
H: 178°; V: 178°
25ms (Typical)
16.8M Colours
1280 x 1024

30 - 83 KHz
56 - 75 Hz
1280 x 1024 @ 75Hz

RGB Analogue (Separate, Composite, SOG)
15 Pin D-Sub
90-264V AC(47-63 Hz), Built in Type
442.3 x 507 x 165
7.3
VESA
FLATRON f Engine, forte View

FLATRON f Engine, forte View

-

-

Tilt

Less than 43 watts

Less than 1 watts

Less than 1 watts

DDC 2B

-

Yes

TCO 99, ISO 13406-2, UL, CUL,
TUV-GS, SEMCO, GOST CE, FCC-B,
C-TICK, VCCI-2, EPA Energy Star

7


L1740PQ

17"
300 cd/m² (Typical)
700:1 (Typical)
H: 170°; V: 170°
8ms (Typical)
16.2M Colours
1280 x 1024

30 - 83 KHz
56 - 75 Hz
1280 x 1024 @ 75Hz

RGB Analogue/Digital (Separate, Composite, SOG, Digital)
15 Pin D-Sub / DVI-D
90-264V AC(47-63 Hz), Built in Type
393.5 x 453 x 165
6.5
VESA
FLATRON f Engine, forte View

FLATRON f Engine, forte View

-

-

Tilt

Less than 40 watts

Less than 1 watts

Less than 1 watts

DDC 2B

-

Yes

TCO 99, ISO 13406-2, UL, CUL,
TUV-GS, SEMCO, GOST CE, FCC-B,
C-TICK, VCCI-2, EPA Energy Star

8


L1740BQ

17"
300 cd/m² (Typical)
700:1 (Typical)
H: 170°; V: 170°
8ms (Typical)
16.2M Colours
1280 x 1024

30 - 83 KHz
56 - 75 Hz
1280 x 1024 @ 75Hz

RGB Analogue (Separate, Composite, SOG)
15 Pin D-Sub
90-264V AC(47-63 Hz), Built in Type
393.5 x 453 x 165
6.5
VESA
FLATRON f Engine, forte View

FLATRON f Engine, forte View

-

-

Tilt

Less than 40 watts

Less than 1 watts

Less than 1 watts

DDC 2B

-

Yes

TCO 99, ISO 13406-2, UL, CUL,
TUV-GS, SEMCO, GOST CE, FCC-B,
C-TICK, VCCI-2, EPA Energy Star

9


L1713P

L2013P

L1780Q

L1980Q

TFT Panel Spec	17"	20"	17"	19"
Brightness	300 cd/m ² (Typical)	250 cd/m ² (Typical)	250 cd/m ² (Typical)	250 cd/m ² (Typical)
Contrast Ratio	500:1 (Typical)	500:1 (Typical)	500:1 (Typical)	500:1 (Typical)
Viewing Angle	H: 160°, V: 140°	H: 178°, V: 178°	H: 160°, V: 160°	H: 160°, V: 160°
Response Time	16ms (Typical)	16ms (Typical)	8ms (Typical)	8ms (Typical)
Supported Colours	16.2M Colours	16.8M Colours	16.2M Colours	16.2M Colours
Resolution	1280 x 1024	1600 x 1200	1280 x 1024	1280 x 1024
Display	30 - 85KHz	28 - 92KHz	30 - 83 KHz	30 - 83 KHz
Vertical Frequency	56 - 75 Hz	56 - 85 Hz	56 - 75 Hz	56 - 75 Hz
Input Resolution	1280 x 1024 @ 75Hz (Analogue)	1600 x 1200 @ 60Hz (Analogue/Digital)	1280 x 1024 @ 75Hz (Analogue)	1280 x 1024 @ 75Hz (Analogue)
Video Signal Type	(Analogue/Digital)	(Analogue/Digital)	1280 x 1024 @ 60Hz (Digital)	1280 x 1024 @ 60Hz (Digital)
Physical Features	RGB Analogue/Digital (Separate, Composite, SOG)	RGB Analogue/Digital (Separate, Composite, SOG)	RGB Analogue/Digital (Separate, Composite, SOG, Digital)	RGB Analogue/Digital (Separate, Composite, SOG, Digital)
Connector	15 Pin D-Sub / DVI-D	15 Pin D-Sub / DVI-D	15 Pin D-Sub/DVI-D	15 Pin D-Sub/DVI-D
Power Supply	90-264V AC(47-63 Hz)	90-264V AC(47-63 Hz), UPS (Integrated)	90-264V AC(47-63 Hz), Power Adapter	90-264V AC(47-63 Hz), Power Adapter
Dimensions (WxHxD)(mm)	394 x 421 x 243 (Integrated)	446 x 445.6 x 223	374 x 378 x 240 mm	422.3 x 410 x 261 mm
Weight (Kg)	8.8	8.8	4.3	5.4
Wall/Arm Mount Type	VESA	VESA	VESA	VESA
Special Features	FLATRON f Engine, forte Manager	FLATRON f Engine, forte Manager	FLATRON f Engine, forte Manager	FLATRON f Engine, forte Manager
Multimedia	-	-	-	-
AV/TV	-	-	-	-
Audio	-	-	-	-
Stand	Pivot (180°), Dual Hinge, Tilt, Height Adjustment (folding only)	Tilt, Swivel, Pivot, Height Adjustment	Pivot (180°), Dual Hinge, Tilt, Height Adjustment (folding only)	Pivot (180°), Dual Hinge, Tilt, Height Adjustment (folding only)
Power Consumption	Less than 40 watts	Less than 60 watts	Less than 40 watts	Less than 43 watts
Suspend/Standby	Less than 1 watts	Less than 5 watts	Less than 2 watts	Less than 2 watts
Power Off Mode	Less than 1 watts	Less than 3 watts	Less than 2 watts	Less than 2 watts
Plug & Play	DDC 2B	DDC 2B	DDC CI	DDC CI
OSD Control	-	-	-	-
USB	-	-	-	-
OSD Control	Yes	Yes	Yes	Yes
Regulation Compliance	TCO 03, ISO 13406-2, UL, CUL, TÜV-GS, SEMCO, GOST CE, FCC-B, C-TICK, VCCI-2, EPA Energy Star	TCO 03, ISO 13406-2, UL, CUL, TÜV-GS, SEMCO, GOST CE, FCC-B, C-TICK, VCCI-2, EPA Energy Star	TCO 99, ISO 13406-2, UL, CUL, TÜV-GS, SEMCO, GOST CE, FCC-B, C-TICK, VCCI-2, EPA Energy Star	TCO 99, ISO 13406-2, UL, CUL, TÜV-GS, SEMCO, GOST CE, FCC-B, C-TICK, VCCI-2, EPA Energy Star
Page number	17	15	13	12



L1950H



L1950G



L1950S



L1950H



L1950H

TFT Panel Spec	Size Brightness Contrast Ratio Viewing Angle Response Time Supported Colours Resolution	19" 250 cd/m ² (Typical) 500:1 (Typical) H: 160°, V: 160° 12ms (Typical) 16.2M Colours 1280 x 1024	19" 250 cd/m ² (Typical) 500:1 (Typical) H: 160°, V: 160° 12ms (Typical) 16.2M Colours 1280 x 1024	19" 250 cd/m ² (Typical) 500:1 (Typical) H: 160°, V: 160° 12ms (Typical) 16.2M Colours 1280 x 1024	19" 250 cd/m ² (Typical) 500:1 (Typical) H: 160°, V: 160° 12ms (Typical) 16.2M Colours 1280 x 1024
Display	Horizontal Frequency Vertical Frequency Input Resolution	30 - 83 KHz 56 - 75 Hz 1280 x 1024 @ 75Hz (Analogue/Digital)	30 - 83 KHz 56 - 75 Hz 1280 x 1024 @ 75Hz (Analogue)	30 - 83 KHz 56 - 75 Hz 1280 x 1024 @ 75Hz (Analogue)	30 - 83 KHz 56 - 75 Hz 1280 x 1024 @ 75Hz
Physical Features	Video Signal Type Connector Power Supply Dimensions (WxHxD)(mm) Weight (kg) Wall/Arm Mount Type	RGB Analogue/Digital (Separate, Composite, SOG) 15 Pin D-Sub / DVI-D 90-264V AC(47-63 Hz), LIPS (Integrated) 412.8 x 437.2 x 242.6 6.7 VESA	RGB Analogue (Separate, Composite, SOG) 15 Pin D-Sub 90-264V AC(47-63 Hz), LIPS (Integrated) 413 x 421.4 x 230.3 5.7 VESA	RGB Analogue (Separate, Composite, SOG) 15 Pin D-Sub 90-264V AC(47-63 Hz), LIPS (Integrated) 413 x 421.4 x 230.3 5.7 VESA	RGB Analogue/Digital (Separate, Composite, SOG, Digital) 15 Pin D-Sub / DVI-D 90-264V AC(47-63 Hz), LIPS (Integrated) 368 x 421.8 x 242.6 6.0 VESA
Special Features	Multimedia AV/TV Audio Stand	LightView - - -	LightView - - -	LightView - - -	LightView - - -
Power Consumption	Normal Operation Suspend/Standby Power Off Mode	Tilt, Swivel, Height Adjustment Less than 43 watts Less than 1 watts Less than 1 watts	Tilt, Swivel, Height Adjustment Less than 43 watts Less than 1 watts Less than 1 watts	Tilt, Swivel, Height Adjustment Less than 43 watts Less than 1 watts Less than 1 watts	Tilt, Swivel, Height Adjustment Less than 40 watts Less than 1 watts Less than 1 watts
Plug & Play	DDC USB	DDC 2B -	DDC 2B -	DDC 2B -	DDC 2B -
OSD Control		Yes	Yes	Yes	Yes
Regulation Compliance		TCO 03, ISO 13406-2, UL, CUL, TUV-GS, SEMCO, GOST CE, FCC-B, C-TICK, VCCI-2, EPA Energy Star	TCO 03, ISO 13406-2, UL, CUL, TUV-GS, SEMCO, GOST CE, FCC-B, C-TICK, VCCI-2, EPA Energy Star	TCO 03, ISO 13406-2, UL, CUL, TUV-GS, SEMCO, GOST CE, FCC-B, C-TICK, VCCI-2, EPA Energy Star	TCO 03, ISO 13406-2, UL, CUL, TUV-GS, SEMCO, GOST CE, FCC-B, C-TICK, VCCI-2, EPA Energy Star
Page number		19	20	21	22



L1750G

TFT Panel Spec	17"
Size	250 cd/m ² (Typical)
Brightness	500:1 (Typical)
Contrast Ratio	H: 160°; V: 160°
Viewing Angle	12ms (Typical)
Response Time	16.2M Colours
Supported Colours	1280 x 1024
Resolution	30 - 83 KHz
Horizontal Frequency	56 - 75 Hz
Vertical Frequency	1280 x 1024 @ 75Hz
Input Resolution	

L1750S

TFT Panel Spec	17"
Size	250 cd/m ² (Typical)
Brightness	500:1 (Typical)
Contrast Ratio	H: 160°; V: 160°
Viewing Angle	12ms (Typical)
Response Time	16.2M Colours
Supported Colours	1280 x 1024
Resolution	30 - 83 KHz
Horizontal Frequency	56 - 75 Hz
Vertical Frequency	1280 x 1024 @ 75Hz
Input Resolution	

L1550S

TFT Panel Spec	15"
Size	250 cd/m ² (Typical)
Brightness	500:1 (Typical)
Contrast Ratio	H: 160°; V: 140°
Viewing Angle	16ms (Typical)
Response Time	16.2M Colours
Supported Colours	1024 x 768
Resolution	31 - 63 KHz
Horizontal Frequency	56 - 75 Hz
Vertical Frequency	1024 x 768 @ 75Hz
Input Resolution	

L1915S

TFT Panel Spec	19"
Size	250 cd/m ² (Typical)
Brightness	500:1 (Typical)
Contrast Ratio	H: 160°; V: 160°
Viewing Angle	12ms (Typical)
Response Time	16.2M Colours
Supported Colours	1280 x 1024
Resolution	30 - 83 KHz
Horizontal Frequency	56 - 75 Hz
Vertical Frequency	1280 x 1024 @ 75Hz
Input Resolution	

Physical Features	Video Signal Type	RGB Analogue (Separate, Composite, SOG)
Connector	15 Pin D-Sub	
Power Supply	90-264V AC(47-63 Hz), LIPS (Integrated)	
Dimensions (WxHxD)(mm)	368 x 421.8 x 242.6	
Weight (Kg)	6.0	
Plug/Arm Mount Type	VESA	

Special Features	Multimedia	LightView
AV/TV	-	-
Audio	-	-
Stand	Tilt, Swivel, Height Adjustment	Tilt

Power Consumption	Normal Operation	Less than 40 watts
	Suspend/Standby	Less than 1 watts
	Power Off Mode	Less than 1 watts

Plug & Play	DDC	DDC 2B
	USB	-

OSD Control	Yes
-------------	-----










Regulation Compliance	ISO 13406-2, UL, CUL, TUV-GS, SEMCO, GOST CE, FCC-B, C-TICK, VCCI-2, EPA Energy Star
-----------------------	--------------------------------------------------------------------------------------

Page number	23
-------------	----

Page number	24
-------------	----

Page number	25
-------------	----

Page number	27
-------------	----

									
	L1715S	L1515S	L1710M	L1910SM					
TFT Panel Spec	Size Brightness Contrast Ratio Viewing Angle Response Time Supported Colours Resolution	17" 250 cd/m ² (Typical) 500:1 (Typical) H: 160°, V: 140° 16ms (Typical) 16.2M Colours 1280 x 1024	15" 250 cd/m ² (Typical) 450:1 (Typical) H: 160°, V: 140° 16ms (Typical) 16.2M Colours 1024 x 768	17" 250 cd/m ² 500:1 H: 160°, V: 140° 16ms (Typical) 16.2M Colours 1280 x 1024	19" 250 cd/m ² 600:1 H: 178°, V: 178° 25ms (Typical) 16.8M Colours 1280 x 1024				
Display	Horizontal Frequency Vertical Frequency Input Resolution	30 - 83 KHz 56 - 75 Hz 1280 x 1024 @ 75Hz	31 - 63 KHz 56 - 75 Hz 1024 x 768 @ 75Hz	30 - 83 KHz 56 - 75 Hz 1280 x 1024 @ 75Hz	30 - 83 KHz 56 - 75 Hz 1280 x 1024 @ 75Hz				
Physical Features	Video Signal Type Connector Power Supply Dimensions (WxHxD) (mm) Weight (kg) Wall/Arm Mount Type	RGB Analogue (Separate, Composite, SOG) 15 Pin D-Sub 90-264V AC(47-63 Hz), LIPS (Integrated)	RGB Analogue (Separate, Composite, SOG) 15 Pin D-Sub 90-264V AC(47-63 Hz), LIPS (Adapter+Inverter)	RGB Analogue (Separate, Composite, SOG) 15 pin D-Sub 90-264V AC(47-63 Hz), LIPS (Integrated)	RGB Analogue (Separate, Composite, SOG) 15 pin D-Sub 90-264V AC(47-63 Hz), LIPS (Integrated)				
Special Features	Multimedia AV/TV Audio Stand	LightView - - Tilt	LightView - - Tilt / Swivel	LightView - - Tilt / Swivel	LightView - - Tilt / Swivel				
Power Consumption	Normal Operation Suspend/Standby Power Off Mode	Less than 40 watts Less than 1 watts Less than 1 watts	Less than 28 watts Less than 1 watts Less than 1 watts	Less than 40 watts Less than 3 watts Less than 3 watts	Less than 43 watts Less than 1 watts Less than 1 watts				
Plug & Play	DDC USB	DDC 2B - -	DDC 2B - -	DDC 2B - -	DDC 2B - -				
OSD Control		Yes	Yes	Yes	Yes				
Regulation Compliance		TCO 99, ISO 13406-2, UL, CUL, TUV-GS, SEMKO, GOST CE, FCC-B, C-TICK, VCCI-2, EPA Energy Star	TCO 99, ISO 13406-2, UL, CUL, TUV-GS, SEMKO, GOST CE, FCC-B, C-TICK, VCCI-2, EPA Energy Star	TCO 99, ISO 13406-2, UL, CUL, TUV-GS, SEMKO, GOST CE, FCC-B, C-TICK, VCCI-2, EPA Energy Star	TCO 99, ISO 13406-2, UL, CUL, TUV-GS, SEMKO, GOST CE, FCC-B, C-TICK, VCCI-2, EPA Energy Star				
Page number		28	29	32	33				



M2343A-BZ

TFT Panel Spec	23"
Brightness	600 cd/m ²
Contrast Ratio	550:1
Viewing Angle	H: 178°, V: 178°
Response Time	8ms (GTC)
Supported Colours	16.8M Colours
Resolution	1366 x 768

Display	30 - 66 KHz
Vertical Frequency	56 - 85 Hz
Input Resolution	1280 x 1024 @ 60Hz

Physical Features

Video Signal Type	RGB Analogue/Digital (Separate, Composite, SOG, Digital)
Connector	15 pin D-Sub/DVI-D/TV /SVHS/CVBS/SCARTx2
Power Supply	90-264V AC(47-63 Hz)
Dimensions (WxHxD)(mm)	598.2 x 465.5 x 285
Weight (kg)	11.5
Wall/Arm Mount Type	VESA

Special Features

Multimedia	PIP/POP/PBP, SRS WOW, PSM, SSM
AV/TV	-
Audio	Built in Speaker (3W x 2EA)
Stand	Tilt

Power Consumption	Less than 110 watts
Normal Operation	Less than 4 watts
Suspend/Standby	Less than 3 watts
Power Off Mode	-

Plug & Play	DDC 2B, RS232C, (Discrete IR Ready)
DDC	-
USB	-

OSD Control	Yes
--------------------	-----

Regulation Compliance

ISO 13406-2, UL, CUL, TUV-GS, SEMCO, FCC-B, CE, EPA Energy Star, VCCI-2, C-TICK, GOST	Yes
---------------------------------------------------------------------------------------	-----

Page number	36
-------------	----



L172WT

TFT Panel Spec	17" Wide
Brightness	450 cd/m ² (Typical)
Contrast Ratio	600:1 (Typical)
Viewing Angle	H: 178°, V: 178°
Response Time	12ms (GTC)
Supported Colours	16.2M Colours
Resolution	1280 x 768

Display	30 - 66 KHz
Vertical Frequency	56 - 85 Hz
Input Resolution	1280 x 768 @ 75Hz

Physical Features

Video Signal Type	RGB Analogue/Digital (Separate, Composite, SOG)
Connector	DVI-I/CVBS/S-Video/TV
Power Supply	90-264V AC(47-63 Hz), LIPS (Integrated)
Dimensions (WxHxD)(mm)	505.5 x 231.5 x 365 (Monitor only)
Weight (kg)	6.6
Wall/Arm Mount Type	VESA

Special Features

Multimedia	PIP/POP/PBP, SRS WOW, PSM, SSM
AV/TV	-
Audio	Built in Speaker (3W x 2EA)
Stand	Tilt

Power Consumption	Less than 55 watts
Normal Operation	Less than 5 watts
Suspend/Standby	Less than 2 watts
Power Off Mode	-

Plug & Play	DDC 2B
DDC	-
USB	-

OSD Control	Yes
--------------------	-----

Regulation Compliance

ISO 13406-2, UL, CUL, TUV-GS, SEMCO, FCC-B, CE, EPA Energy Star, VCCI-2, C-TICK, GOST	Yes
---------------------------------------------------------------------------------------	-----

Page number	37
-------------	----



M1910A-BZ

TFT Panel Spec	19"
Brightness	250 cd/m ² (Typical)
Contrast Ratio	500:1 (Typical)
Viewing Angle	H: 160°, V: 160°
Response Time	12ms (Typical)
Supported Colours	16.2M Colours
Resolution	1280 x 1024

Display	30 - 83 KHz
Vertical Frequency	56 - 75 Hz
Input Resolution	1280 x 1024 @ 75Hz (Analogue)

Physical Features

Video Signal Type	RGB Analogue (Separate, Composite, SOG)
Connector	15 Pin D-Sub x 1/PC Audio In x 1 / Composite/S-Video/TV
Power Supply	90-264V AC(47-63 Hz), Built in Type
Dimensions (WxHxD)(mm)	438.3 x 457.7 x 242
Weight (kg)	7.0
Wall/Arm Mount Type	VESA

Special Features

Multimedia	FLATRON f Engine,
AV/TV	-
Audio	Built in Speaker (3W x 2EA)
Stand	Tilt

Power Consumption	Less than 50 watts
Normal Operation	Less than 4 watts
Suspend/Standby	Less than 2 watts
Power Off Mode	-

Plug & Play	DDC 2B
DDC	-
USB	-

OSD Control	Yes
--------------------	-----

Regulation Compliance

ISO 13406-2, UL, CUL, TUV-GS, SEMCO, GOST CE, FCC-B, C-TICK, VCCI-2, EPA Energy Star	Yes
--------------------------------------------------------------------------------------	-----

Page number	38
-------------	----



M1710A-BZ

TFT Panel Spec	17"
Brightness	250 cd/m ² (Typical)
Contrast Ratio	500:1 (Typical)
Viewing Angle	H: 160°, V: 160°
Response Time	8ms (Typical)
Supported Colours	16.2M Colours
Resolution	1280 x 1024

Display	30 - 83 KHz
Vertical Frequency	56 - 75 Hz
Input Resolution	1280 x 1024 @ 75Hz (Analogue)

Physical Features

Video Signal Type	RGB Analogue (Separate, Composite, SOG)
Connector	15 Pin D-Sub, PC Audio, Composite S-Video
Power Supply	90-264V AC(47-63 Hz), Built in Type
Dimensions (WxHxD)(mm)	419.9 x 423.5 x 221.8
Weight (kg)	5.9
Wall/Arm Mount Type	VESA

Special Features

Multimedia	FLATRON f Engine
AV/TV	-
Audio	Built in Speaker (3W x 2EA)
Stand	Tilt

Power Consumption	Less than 50 watts
Normal Operation	Less than 4 watts
Suspend/Standby	Less than 2 watts
Power Off Mode	-

Plug & Play	DDC 2B
DDC	-
USB	-

OSD Control	Yes
--------------------	-----

Regulation Compliance

ISO 13406-2, UL, CUL, TUV-GS, SEMCO, GOST CE, FCC-B, C-TICK, VCCI-2, EPA Energy Star	Yes
--------------------------------------------------------------------------------------	-----

Page number	39
-------------	----



M1510A-BZ

TFT Panel Spec	Size	15"
	Brightness	250 cd/m ² (Typical)
	Contrast Ratio	400:1 (Typical)
	Viewing Angle	H: 160°; V: 140°
	Response Time	16ms (Typical)
	Supported Colours	16.2M Colours
	Resolution	1024 x 768
Display	Horizontal Frequency	31 - 63 KHz
	Vertical Frequency	56 - 75 Hz
	Input Resolution	1024 x 768 @ 75Hz (Analogue)



M203 WX-BZ

TFT Panel Spec	Size	20.1"
	Brightness	300 cd/m ² (Typical)
	Contrast Ratio	600:1 (Typical)
	Viewing Angle	H: 178°; V: 178°
	Response Time	16ms (Typical)
	Supported Colours	16.8M Colours
	Resolution	1680 x 1050 (WSXGA+)
Display	Horizontal Frequency	30 - 83KHz (Analogue)
	Vertical Frequency	56 - 85 Hz (Digital)
	Input Resolution	1680 x 1050 @ 60Hz



L4200TF

TFT Panel Spec	Size	42"
	Brightness	500 cd/m ² (Typical)
	Contrast Ratio	1000:1 (Typical)
	Viewing Angle	H: 178°; V: 178°
	Response Time	10ms (GTC)
	Supported Colours	16.7M Colours
	Resolution	1366 x 768
Display	Horizontal Frequency	30 - 83KHz (Analogue)
	Vertical Frequency	56 - 85 Hz (Digital)
	Input Resolution	1360 x 768 @ 60Hz (Analogue/Digital)



L3700TF

TFT Panel Spec	Size	37" Wide (16:9)
	Brightness	500 cd/m ² (Typical)
	Contrast Ratio	1000:1 (Typical)
	Viewing Angle	H: 178°; V: 178°
	Response Time	8ms (GTC)
	Supported Colours	16.7M Colours
	Resolution	1366 x 768
Display	Horizontal Frequency	30 - 83KHz (Analogue)
	Vertical Frequency	56 - 85Hz
	Input Resolution	1360 x 768 @ 60Hz (Analogue/Digital) 1280 x 1024 @ 60Hz (Analogue/Digital)

Physical Features

Connector	RGB Analogue (Separate), 15 Pin D-Sub, PC Audio, Composite
Power Supply	S-Video 90-264V AC(47-63 Hz), Built in Type
Dimensions (WxHxD)(mm)	375.4 x 373.8 x 221.8
Weight (Kg)	4.4
Wall/Arm Mount Type	VESA

Connector	RGB Analogue (Separate), Composite, SOG, DVI-D
Power Supply	D-Sub, TV, SVHS, CVBS, DVI-D, Component (SCART)
Dimensions (WxHxD)(mm)	90-264V AC(47-63 Hz), UPS (Adapter+Inverter) 496.4 x 424.1 x 241.4
Weight (Kg)	8.2
Wall/Arm Mount Type	VESA

Connector	RGB Analogue/Digital (Separate, Composite, SOG, Digital)
Power Supply	15 Pin D-Sub/CVBS/DVI-D/ Component (SCART)/TV
Dimensions (WxHxD)(mm)	90-264V AC(47-63 Hz), Built in Type 125.9x702x294.5 (with speaker and stand)
Weight (Kg)	37 (including speaker and stand)
Wall/Arm Mount Type	VESA

Connector	RGB Analogue/Digital (Separate, Composite, SOG, Digital)
Power Supply	D-Sub/DVI-D/CVBS/Component (SCART)/TV/S-Video/AV
Dimensions (WxHxD)(mm)	1129 x 619 x 222.7 (with speaker and stand)
Weight (Kg)	29
Wall/Arm Mount Type	VESA

Special Features

Multimedia	FLATRON iEngine
AV/TV	-
Audio	Built in Speaker (1W x 2EA)
Stand	Tilt

Multimedia	PIP/SRS WOW, PSM, Zoom TV Tuner, Remote Control
AV/TV	-
Audio	Built in Speaker (5W x 2EA)
Stand	Tilt

Multimedia	PIP, SRS WOW, PSM, Zoom TV Tuner, Remote Control
AV/TV	-
Audio	Built in Speaker (10W x 2EA)
Stand	Swivel

Multimedia	PIP, SRS WOW, PSM, Zoom TV Tuner, Remote Control
AV/TV	-
Audio	Built in Speaker (10W x 2EA)
Stand	Swivel

Power Consumption

Normal Operation	Less than 30 watts
Suspend/Standby	Less than 4 watts
Power Off Mode	Less than 2 watts

Normal Operation	Less than 70 watts
Suspend/Standby	Less than 3 watts
Power Off Mode	Less than 2 watts

Normal Operation	Less than 320 watts
Suspend/Standby	Less than 4 watts
Power Off Mode	Less than 2 watts

Normal Operation	Less than 220 watts
Suspend/Standby	Less than 4 watts
Power Off Mode	Less than 2 watts

Plug & Play

DDC	DDC 2B
USB	-

DDC	DDC 2B, RS 232C In/Out, Discrete IR
USB	-

DDC	DDC 2B, RS 232C In/Out, Discrete IR
USB	-

DDC	DDC 2B, RS 232C In/Out, Discrete IR
USB	-

OSD Control

OSD Control	Yes
-------------	-----

OSD Control	Yes
-------------	-----

OSD Control	Yes
-------------	-----

OSD Control	Yes
-------------	-----

Regulation Compliance

Regulation Compliance	ISO 13406-2, UL, CUL, TUV-GS, SEMCO, GOST CE, FCC-B, C-TICK, VCCI-2, EPA Energy Star
-----------------------	--------------------------------------------------------------------------------------------

Regulation Compliance	TCO 99, ISO 13406-2, UL, CUL, TUV-GS, SEMCO, GOST CE, FCC-B, C-TICK, VCCI-2, EPA Energy Star
-----------------------	----------------------------------------------------------------------------------------------------

Regulation Compliance	TUV-GS, SEMCO, FCCB-CE, CSA, UL, EPA Energy Star
-----------------------	-----------------------------------------------------

Regulation Compliance	TUV-GS, SEMCO, FCCB-CE, CSA, UL, EPA Energy Star
-----------------------	-----------------------------------------------------

Page number

40

41

44

45



L3200TF

TFT Panel Spec	<p>Size 32" Wide</p> <p>Brightness 500 cd/m² (Typical)</p> <p>Contrast Ratio 1000:1 (Typical)</p> <p>Viewing Angle H: 178° V: 178°</p> <p>Response Time 8ms (GTG)</p> <p>Supported Colours 16.7M Colours</p> <p>Resolution 1366 x 768</p>
Display	<p>Horizontal Frequency 30 - 83KHz (Analogue/Digital)</p> <p>Vertical Frequency 56 - 85Hz (Digital)</p> <p>Input Resolution 1360 x 768 @ 60Hz (Analogue/Digital) 1280 x 1024 @ 60Hz (Analogue/Digital)</p>
Physical Features	<p>Video Signal Type RGB Analogue/Digital</p> <p>Connector 15 Pin D-Sub/DVI-D/CVBS/ Component (SCART)/TV/S-Video</p> <p>Power Supply 90-264V AC (47-63 Hz). Built in Type</p> <p>Dimensions (WxHxD)(mm) 964 x 540 x 103.9 (with speaker and stand)</p> <p>Weight (kg) 19.3</p> <p>Wall/Arm Mount Type VESA</p>
Special Features	<p>Multimedia PIP, SRS WOW, PSM, Zoom</p> <p>AV/TV TV Tuner, Remote Control</p> <p>Audio Speaker (10W x 2EA)</p> <p>Stand Swivel</p>
Power Consumption	<p>Normal Operation Less than 160 watts</p> <p>Suspend/Standby Less than 4 watts</p> <p>Power Off Mode Less than 2 watts</p>
Plug & Play	<p>DDC DDC 2B, RS 232C In/Out, Discrete IR</p> <p>USB</p>
OSD Control	<p>Yes</p>
Regulation Compliance	<p>TUV-GS, SEMCO, FCCB-CE, CSA, UL, EPA Energy Star</p>
Page number	<p>46</p>

Glossary

A

ACE

Adaptive Colour Enhancer. Makes light images lighter and dark images darker.

Active Matrix display

Also known as TFT or Thin Film Transistor, an active matrix display is a liquid crystal display found on notebook computers and flat panel displays. With active matrix displays each pixel is controlled by one to four transistors which commonly make the screens faster, brighter and more colourful than a passive matrix.

Analogue 15 Pin D-Sub

Common connection for PC Graphics Card replaced by DVI Technology.

B

BBE

BBE high definition sound is the core sound enhancement technology. It allows for more natural and comfortable sounds.

Brightness

The higher the brightness the greater the luminosity will appear on the screen.

BrightWindow

BrightWindow enables users to make an optimal bright zone by simply dragging a mouse. Users also can freely move and resize the window.

C

Contrast Ratio

When referring to a display, the contrast ratio is a figure used to measure the luminance difference between the brightest white and the darkest black. The contrast ratio will be listed as y:z where 'y' is the brightest white and 'z' is the darkest black. An example of a standard contrast ratio for computer monitors and LCD displays is 200:1, a number higher than this, such as 400:1 will have a brighter display.

D

Dead Pixel

Term used to describe a pixel that no longer illuminates.

Dot Pitch

Distanced between pixels on a computer display screen measured in millimetres.

DVI Connection

Digital Video Interface (DVI) delivers sharper and cleaner images than an analogue connection, without any data loss making it suitable for graphic and multimedia uses.

F

FLATRON f Engine

The World's first picture enhancing chip for LCD monitors. It uses DAFITM technology and includes a RCM (real colour management) function to express vivid natural colours, and ACE (adaptive colour and contrast enhancement) function to enhance brightness and contrast. The technology is ideal for mobile imaging in TV, mobile games, and animation.

Forte Manager

Allows the user to make image quality adjustments by using the Mouse.

Forte Mirror

This software technology enables the screen contents to automatically rotate whichever way the screen moves.

G**GUI**

Short for Graphical User Interface, a GUI uses windows, icons, and menus to carry out commands such as opening files, delete files, move files, etc. and although many GUI Operating Systems are operated by using a mouse the keyboard can also be used by using keyboard shortcuts or arrow keys. Unlike a command line Operating System like UNIX or MS-DOS, GUI Operating Systems are much easier for end-users to learn and use because commands do not need to be known or memorised.

I**Integrated Power Supply**

The power supply is fully integrated in the panel eliminating the need for an additional supply box ensuring that desk space is always left free and tidy and wall-mounting is efficient.

ISO 13406-2

Ergonomic requirements for work with visual displays based on flat panels - Part 2 2001.

L**LCD**

Short for Liquid-crystal display, LCD is a flat display technology.

LightView

LG LightView technology allows users to freely adjust brightness and colour temperature according to the situation. There are three preset modes plus additional control for night and day: day Text, Movie and Photo modes and night Text, Movie and Photo modes. Each has unique brightness and contrast settings best suited to that particular type of application.

M**Multimedia**

Display of a combination of audio, video, animation, and graphics.

O**OSD Lock Function**

The on-screen display menu can be locked so when many monitors are being used in a business environment the monitor display cannot be adjusted by the user.

P**Panel Tiling**

LG's slim bezel FLATRON LCD monitors can be placed side by side or above each other to create an almost uninterrupted display. Tiled monitors are ideal for trading floors or public display areas.

PIP/POP/PBP

Multi tasking functions allow the user to enjoy an image from two different sources at once.

PIP: Picture In Picture, a smaller image can be placed on top of the larger main image.

PBP: Double window effect, the screen images are split 50/50.

POP: Picture On Picture, main image takes up two thirds of the screen, second image takes up remaining third.

Pivot function

This feature enables the screen to be physically rotated 90 degrees to the right so that the screen can be viewed in landscape or portrait. Screen rotation software is included with the monitor so that the screen image can also be rotated.

Pixel

Term that comes from the words Picture Element or PEL. A pixel is the smallest portion of an image or display that a computer is capable of printing or displaying. A pixel can easily be distinguished when zooming into an image.

PSM (Picture Status Memory)

Levels can be changed on contrast, colour, brightness and sharpness to a preset, i.e. Dynamic, Standard, Mild or User (Mild has less contrast than Dynamic).

R**RCM**

Real Colour Management, colour enhancement technology is particularly good for flesh tones and nature images.

Resolution

Refers to the sharpness and clarity of an image. Therefore, the greater the resolution the sharper and clearer the image.

Response time

A response time is how many frames can be displayed in a second. Fast response times (the lower the figure) ensure smoother and flicker free images, so even the most intense action stays crisp and clearer with less ghosting.

RS-232C

Enables remote controlling of multiple monitors with a single computer. The user can control the power, contrast, brightness, volume etc with a single computer source.

S**S-IPS Technology**

Allows viewers to see still or moving images from a wider vertical or horizontal angle - without any substantial loss in picture quality.

S-Video

Also known as Y/C video, S-Video is short for Super Video and is a type of interface and cable that transmits video luminance (Y) and chrominance (C) signals separately. When received by the TV or other display device this generates a better picture when compared to composite video.

Spectacle

Users can enjoy undistorted 4:3 aspect ratio screen images on a wide display (16:10) screen.

SRS WOW

Delivers an incredible listening experience to any music genre. It provides the perception of deep, rich bass and an amazing 3-D listening experience.

SSM (Sound Status Memory)

Levels of Treble, Mid and Bass can be changed to a preset, i.e. Flat, Music, Movie, Speech or User (e.g. movie has more bass and speech has more treble).

SVGA

Short for Super Video Graphics Array, SVGA is a set of video standards that is one step above and replaces VGA. SVGA monitors are capable of displaying up to 16 million colours with a resolution of 800 x 600 on 14" monitors or up to a 1200 x 1600 resolution on a 20" monitor.

Swivel function

This feature allows the screen to be moved to the left or right, ensuring consistent image quality.

SXGA

Short for Super XGA, SXGA is a video resolution that supports a max resolution of 1400 horizontal pixels by 1050 vertical pixels.

T**TCO 99 and TCO 03**

Ensures all round operator health and safety through low emission adherence. TCO 03 has stricter regulations than TCO 99.

True Colour

The use of at least 24-bits to represent each pixel in a graphic. 16.7 million colours can be shown when 24-bit colour is enabled.

U**USB Hub**

USB connection has become the new standard in peripheral connection. With a USB hub other peripherals such as printers, scanners, mice, web cams, digital cameras etc. can be connected directly into the back of the monitor eliminating the need to attach these peripherals into the back of the PC which is often awkward to access.

UXGA

Short for Ultra XGA, UXGA is a video resolution that supports a max resolution of 1600 horizontal pixels by 1200 vertical pixels.

V**VESA Standard**

Short for Video Electronics Standard Association, VESA is a group of monitor and video card manufactures that set various display standards. The official VESA page can be found at www.vesa.org. LG's range of FLATRON LCD monitors all conform to VESA standard 75 or 100 or above. This standard defines the physical mounting interface for flat panel monitors and corresponding standards for flat panel monitor mounting devices.

W**Wide Viewing Angle**

The wider the angle, the greater the number of viewpoints from which the screen can be looked at, whilst maintaining the image quality.

WUXGA

Short for Wide Ultra eXtended Graphics Array, WUXGA has a resolution of 1920 horizontal pixels by 1200 vertical pixels.

WXGA

Short for Wide XGA, WXGA is a video resolution that supports a max resolution of 1366 horizontal pixels by 768 vertical pixels.

X**XGA**

Short for eXtended Graphics Array, XGA is an upgrade to the VGA video standard. With a resolution of 1,024 horizontal pixels by 768 vertical pixels and 256 colours it is proprietary standard.

Z**Zoom**

Zoom is used to describe a method of focusing on a section and increasing the overall size of that section allowing the user to manipulate or view that section in greater detail. When referring to a window in a GUI, zoom, refers to the ability of making a window increase in size or occupy the full available area of a computer screen.

Zoom In

With the centre of the display as the focal point, this function enlarges the image.

Recent Awards



15" FLATRON LCD
Best Buy
Computer Shopper



17" FLATRON CRT
Best Budget Buy
Computer Shopper



15" FLATRON LCD
Bronze
Web-user.co.uk



17" FLATRON TFT LCD
Approved
Custom PC



20" LCD 10 Series Monitor
4 star award
GigaHz



19" FLATRON LCD
Labs Winner
MacUser



17" FLATRON TFT LCD
Editor's Choice
PC Zone



19" LCD 40 Series Monitor
A-List Award
MacUser



17" FLATRON CRT
Best Budget Buy
Computer Shopper



20" FLATRON LCD
Gold
PC Format



19" LCD 40 Series Monitor
4 1/2 Star Award
MacWorld



17" LCD 30 Series Monitor
Recommended
MacWorld



17" LCD 30 Series Monitor
Recommended
PC Advisor



17" FLATRON TFT LCD
Best Buy
PC Advisor



19" LCD 40 Series Monitor
5/5 mice award
MacUser