Wedgwood IT Group

Plasma screen guide

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Plasma screen guide

Contents

Plasma screen beginners guide

This section may seem a bit technical, but unless you understand the basic terms used in the plasma screen industry, you will not be able to choose the best screen for your needs. After you have read this section, then please look at the specific section that deals with your required use: Retail solutions Pubs and clubs Board rooms Home cinema

Aspect ratios explained

Plasma screens are mainly available in one of the two aspect ratios below:

4:3 aspect ratio - This is the same shape screen as a computer monitor or non-widescreen television. The width of the screen being 4 parts long and 3 parts high.

16:9 aspect ratio - This is the 'widescreen' television screen shape. The width of the screen being 16 parts long and 9 parts high.

Connection to equipment

42" and 50" plasma screens from any manufacturer can be connected to a computer and a video source such as a video recorder, TV, DVD player or satellite system. If, for example, you connect the plasma screen to a video recorder and a computer, you can then use the remote control to switch between the two as required. This can be very useful for presentations/training/induction's where you need to use presentation software such as PowerPoint but also show a video in the middle.

LCD monitors versus plasma screens

LCD monitors are very thin flat screen computer monitors. They range from around 12 to 20 inches in size and come in two sorts: computer LCD monitors and video LCD monitors. LCD technology limits the maximum size of the display. Plasma screens use a different technology and can therefore have sizes over 60 inches.

Plasma screens have a viewing angle of 160 degrees, which in plain English means that if you look at it from the side, you see a good clear image. LCD screens vary in quality but most do not give a good image unless you look straight at them. They is very noticeable on notebook computer screens.

Plasma technology is also unaffected by magnetic fields unlike CRT technology used in normal computer monitors.

What sizes do plasma screens come in?

Currently, these are:

21" 4:3 aspect ratio
25" 4:3 aspect ratio
33" 4:3 aspect ratio
37" 4:3 aspect ratio
40" 4:3 aspect ratio
42" 16:9 aspect ratio (widescreen)
50" 16:9 aspect ratio (widescreen)
60" plasma screens will be coming onto the market in the near future (at the time of writing)

Speakers

Plasma screens have built-in speakers for a limited volume output from either your computer or video. Most also have speakers that can be attached to the plasma screen to increase this volume and give better quality sound. These are optional extras at additional cost.

Apple Macintosh computers and UNIX workstations

Plasma screens will work with PC's, Apple Macintosh computers and UNIX workstations. With some Apple computers, you will need a small device called a MAC adapter costing around £10 to connect to the plasma screen. These are supplied as standard on some screens but not all.

Lifespan of plasma screens

This varies considerably between manufacturers but usually from 20,000 to 30,000 hours. After this time the plasma screen will only be at around half the original brightness. 20,000 hours is 833 days or 2.3 years of continuous 24-hour use. At the end of the plasma screen's life, the screen will be very dull and you will need to replace the plasma screen with a new one. This is one advantage plasma screens have over LCD projectors which have a bulb life of usually 2,000 hours before replacement.

The distance that plasma screens can be from the computer

All plasma screens come supplied with a cable that connects into the monitor port (or external monitor port on notebooks) to display the computer's image. These are normally around two meters in length. You can purchase longer cables up to ten metres in length so that you can position the computer further away.

Ten metres is the maximum distance that the computer's signal will travel without the picture being degraded with loss of image quality. There are devices on the market that can be used to extend this distance:

- Booster boxes and extra cabling to extend the distance between the computer and plasma screen
- Scan converters to turn the computer signal into an RGB signal that will travel long distances on RGB cabling. This is turning the digital computer output into a video signal so that it will travel further distances to the plasma screen.

Brightness and contrast ratio

Plasma screen brightness is measured in candelas. Plasma screens generally range from 50 to 550 candelas. 250 candelas is television level brightness.

The contrast ratio is the difference in definition between the colours black and white when displayed on screen. The higher the number the better the definition.

Using plasma screens with more than one computer

In a conference/board room setting, users with notebooks can simply take it in turns to connect the plasma screen cable into the external monitor ports on their notebook computers. You can also purchase switch boxes that allow several computers to connect to a plasma screen at once. On the switch box is a button for each input computer, which when pressed, will show that computer's picture on the plasma screen.

TV tuners

Very few screens have a built-in TV tuner which allows the plasma screen to act as a normal television by picking up terrestrial TV channels. The Universal 42" plasma screen and the Philips Flat Screen television have this feature as standard. Optional television tuners are available from other manufacturers.

Split screen plasma screens

Some plasma screens have split-screen and picture-in-picture functions. This can be very useful in public areas as you can display information on one side and display adverts on the other side. This could be used to generate a revenue from advertising. Universal 42" and 50" screens are the only ones (at the time of writing) available with the split screen feature and picture in picture. Eizo produce a 50" plasma screen with picture in picture but this is limited to 3 set sizes. You can use these features with 1 computer and 1 video input or 2 video inputs at the same time without additional hardware.

Can I use a plasma screen without a computer or video recorder?

You can think about a plasma screen as the same an a computer monitor. If the computer is not attached then nothing is displayed.

If you are planning to mount the plasma screen on a wall and you do not want cables going to a desktop computer, you can purchases mini-computers that will sit in the very small gap between the wall mount bracket and the plasma screen.

Connecting to plasma screens by telephone and modem

You may need to update the images displayed on a plasma screen remotely. For example, if the plasma screen is used as an advertising board in a shopping centre. You will need:

- A computer attached to the plasma screen
- A modem attached to the computer

- A dedicated telephone line that you can dial into
- 2 copies of remote control software such as PC-Duo. PC-Duo is loaded on the plasma screen computer and sit waiting for you to dial into it by modem (can be password protected). You then take control of the plasma screen PC so that you see what's on the plasma screen and can change what is displayed or fix any problems.

Installations

There are many specialist installation companies in the UK that will install your plasma screen for you.

Scan converters

Some plasma screens are only made to display a low resolution, for example 640 x 480 pixels. A scan converter will take a larger resolution, for example 800 x 600 pixels, from a computer and then output to the plasma screen at the lower resolution (640 x 480). It does this using a technique called 'compression' which will miss-out some of the lines from the original image in order to display a picture.

Most 42" and 50" plasma screens have a built-in scan converter. This is how a 852 x 480 pixel 42" screen can display an XGA image, i.e. one made up of 1024 x 768 pixels. Some quality and detail is lost by using scan converters.

Video walls

Plasma screens can be connected together to display a single image as a video wall. You then have the option of:

- Displaying a huge single image between all the screens on the wall
- Displaying the same image on all the component screens
- Displaying a different image on each screen

You will need a control box to connect all the screens together. Some plasma screens also come with the hardware to do this built-in so that you can connect several of them together as an instant video wall. The NEC 50PD1 and 42PD2 screens have this feature. You can buy 2 or 4 screen mounting brackets to connect the screens together into the video wall. The Eizo 50" screen also has this feature.

Class A and Class B plasma screens

Electromagnetic wave standard Class B is required for the home market all over the world. Class A is for standard commercial use.

Home cinema

Plasma screens are very impressive mounted on a wall for use as a television screen or for watching movies. Most plasma screens do not have built-in tuners to pick up television signals so you need to connect them to your video recorder or satellite system. You need to purchase a plasma screen that is Class B (see above).

Plasma screen inputs

You will need to see the specification sheet of each plasma screen for its inputs. See the manufacturers section. They usually have several different types of video input and a cable to plug directly into a computer.

Accessories

Most plasma screens are supplied without any type of stand. The stands are available at extra cost, but you will need to purchase one of them.

Desk Top Stand

These are ideal for exhibitions or on top of boardroom tables.

Speakers

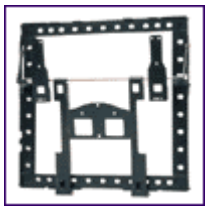
Most plasma screens have built-in speakers. The optional speakers attach to the side of the screen to increase maximum volume.

Speaker Stands

For use with optional speakers (see above) for table top use.

Wall-mounting Bracket

These allow the screen a small amount of tilt up and down. Some can even be adjusted left or right.



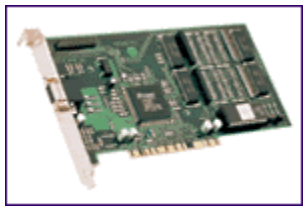
Ceiling-mount Bracket

Normally fully adjustable so that you can possible a plasma screen with ease. Double sided ones are available to mount 2 screens.

Flight Case

This is an expensive extra which is designed to fully protect plasma screens during shipping. Most screens arrive in cardboard boxes. Flight cases are ideal for hire companies.

Graphics Card 42"
Widescreen 16:9 aspect ratio



Normal computer graphics cards output in a 4:3 aspect ratio, e.g. 800 x 600. These cards can be used to output in a 16:9 aspect ratio, for example 852 x 480. This is only necessary for exact pixel by pixel control of the screen. Screens will automatically display normal computer images without problem.

Third party accessories

There are a number of engineering companies that manufacture wall mounts, ceiling mounts and trolley stands. These are generally cheaper than the versions produced by the plasma screen manufacturers. Features may vary, i.e. adjustability and style.

Lockable cabinets are also available for environments where rooms are open to the public.

New and amended features

Please note at the time of writing all the information in this guide is correct. However, changes do occur with some models becoming discontinued whilst newer models and features come onto the market. To check current models and comparison charts please visit www.plasmascreens.co.uk

Retail solutions including display boards

General information

Plasma screens are ideal display boards in public places for advertising and information. Adverts from a video recorder or DVD player can be played just by connecting into the screen and this gives excellent pictures.

Plasma screen uses include:

- Play advertising videos to promote products, services and promotions
- As information displays from computers and video recorders
- To display satellite or television channels for sporting events or to display business channels

Connecting to a computer to display information requires more thought otherwise the image presented may not give the expected quality.

Using the plasma screen with computers

The average 42" plasma screen has 852 x 480 pixels and will cost you around £3500 + VAT. This pixel resolution is fine for television signals but computers normally use one of the two following resolutions:

- 800 x 600 pixels also known as SVGA
- 1024 x 768 pixels also known as XGA

If your computer uses 800 x 600 you will see a good quality picture but if you just compare 800 x 600 with the 852 x 480 of the plasma screen its easy to see that the plasma screen will have to miss some pixels to display the image.

If your computer uses 1024 x 768, then to get a good image you will either need to lower the computer resolution to 800 x 600 or consider paying £4500+VAT for a 42" screen that has 1024 x 1024 pixels.

You can find out which resolution your computer is using on Windows based machines by:

- Click on 'Start' then 'Setting' then 'Control panel'
- Double click the 'Display' icon
- Click on the 'Settings' tab
- Look at the 'Desktop area' section to see if it is 800x600 or 1024x768

Pixel to pixel widescreen graphics cards for PC's

Normal computer graphics cards output in a 4:3 aspect ratio, e.g. 800 x 600. Pixel to pixel cards can be used to output in a 16:9 aspect ratio, for example 852 x 480 pixels. By using these cards with a PC connected to the plasma screen gives the best quality image possible. These cards cost around £300+VAT but are definitely worth it. (All prices estimated as a guideline, as these are subject to change).

Split screen plasma screens

Some plasma screens have split-screen and picture-in-picture functions. This can be very useful in public areas as you can display information on one side and display adverts on the other side. This can be even used to generate a revenue from advertising. Universal 42" and 50" screens are the only ones currently available with this feature.

Mini PC's

You will need to connect the computer to the plasma screen via cabling within 10 metres of the plasma. Any further and the computer's signal degrades and you will need to consider purchasing a signal booster box to extend the distance.

You can also get very small computers that will fit in the gap behind the plasma screen. These mean that the plasma screen becomes self-contained and the only cabling you need is a single power cable. Some mini PC's also have a built-in Pixel to Pixel graphics cards (see above) to allow you to get the most from the plasma screen. They are also available with DVD drives, network cards, floppy drives, etc, onboard. Changing CD-ROM's, DVD's, or floppy disks can be done quite easily from the side.

Control of these mini-PC's can be made using a radio keyboard and mouse. If the mini-PC is connected to the network then you can use software to control this PC from anywhere on the network.

Accessories

With most plasma screens you will have to purchase a stand or mount in order to use it. This is at additional cost starting from £125+VAT. Your options are:

- Desktop stand
- Trolley stand
- Wall mount bracket
- Ceiling mount bracket

A wall mount bracket or ceiling mount bracket is probably the most common option. You just screw the mount to the wall and attach the plasma screen. Because most screens are only 3-4 inches deep, you get a nice neat effect.

You can also purchase an optional pair of speakers for plasma screens. One is attached at each side of the plasma and they are quite aesthetically pleasing. Most screens have built-in speakers, but optional ones significantly increase the maximum volume. If your conference room already has a speaker system installed, you can connect the plasma screen into this.

New and amended features

Please note at the time of writing all the information in this guide is correct. However, changes do occur with some models becoming discontinued whilst newer models and features come onto the market. To check current models and comparison charts please visit www.plasmascreens.co.uk

Pubs and clubs

General information

In the pub environment, plasma screens are mostly used for displaying satellite/television channels so that many people can see them with ease. Traditionally, pubs have used any of the following to do this:

- Large televisions.
- CRT video projectors. These are the ones with the 3 lights (and lamps), one red, one blue and one yellow.
- LCD digital video projectors. These are the latest technology with one lamp to display the image. These are replacing CRT video projectors because they are lighter, far brighter and only have a single lamp to change. Because there is only one lens/lamp they do not require the complicated aligning that CRT projectors need. They can be set up by the user rather than needing trained engineers to do the installation/configuration.

LCD digital video projectors are becoming increasingly cheaper and are the main alternative to plasma screens. Projectors have the following advantages over plasma screens:

- LCD projectors have a cheaper purchase price than plasma screens. A 42" screen will set you back around £3500+VAT but an LCD projector will cost you around £3000+VAT. You will need a bright projector for the pub environment, around 1500 ANSI lumens (American National Standards Institute lumens is the standard measure of brightness).
- You can decide on the exact size of image that will be projected. An image of 100" diagonal is quite usual. Plasma screens are mostly 42" diagonal or 50" diagonal. 60" screens will be on the market in the foreseeable future.

However, before you run out and buy an LCD projector, plasma screens have the following advantages:

- A plasma screen will generally have a life span of 30,000 hours. If you get your calculator out, this is 10 years of running, using it 8 hours per night, 7 days per week, 52 weeks per year. A projector will need a replacement lamp generally every 2,000 hours use at an average cost of £350+VAT (at the time of writing) per lamp. This will last you 250 days at 6 hours per day. So (calculator time again) in 3 years you will have to spend £1,400+VAT and have the hassle of replacing the lamps.
- In the smoky environment of pubs, the projector lens will need careful cleaning in order to keep the picture good. Also smoke in the air can distort the projected image. Plasma screens will give a better image quality.
- Plasma screens are generally only 3 inches deep and can be attached to walls or ceilings and mounted with ease. Projectors also need to be mounted. You need a projection screen a minimum distance away from the projector to get the right image size which complicates the installation.

Plasma screens and projectors are both a good solution but as every pub is different, you will have to decide on how big a picture you want to display for your audience and setting layout.

What you can do to give you an idea of sizing is to open out a large cardboard box and draw a rectangle on it: 920mm x 518mm (which is 42" diagonal)

Cut out this size and place it where you have in mind for the plasma screen. Is it large enough for your audience to see it? This may seem a bit 'Blue Peter' but its difficult to picture what 42" looks like in wide screen format.

Accessories

With most plasma screens you will have to purchase a stand or mount in order to use it. This is at additional cost ranging starting from £125+VAT. Your options are:

- Desktop stand
- Trolley stand
- Wall mount bracket
- Ceiling mount bracket

For pub use, the wall or ceiling mounts are recommended.

You can also purchase optional speakers for plasma screens. Plasma speakers tend to cost around £300+VAT and do look attractive as they are made to attach to each side of the screen. Most have built-in speakers which are not loud enough for a pub. The best method is to use a separate amplifier from either the satellite system or plasma screen, and connect the amplifier to normal speakers. You may already have a speaker system set-up that you could connect into.

Boardroom and training rooms

General information

Plasma screen can be used for both computer and video presentations. You can connect a screen to a video source such as a video recorder, satellite system or DVD player, and a computer at the same time. Most plasma screens are supplied with a remote control so that you can switch between computer and video inputs at the touch of a button.

The computer side is just as simple. A plasma screen can be thought of as just a large computer monitor and displays exactly what you normally see on a computer screen, only everyone in the room can see it. This means that you can display presentation software such as PowerPoint, Excel spreadsheets, graphs, websites on the Internet and demonstrate any software for training purposes.

The biggest issue in selecting a plasma screen is its resolution, i.e. the number of pixels that make up the plasma screen's picture. Computers generally output an image that is made up of one the following:

- 800 x 600 pixels (also known as SVGA)
- 1024 x 768 pixels (also known as XGA)
- 1280 X 1024 pixels (also known as SXGA)

Stay with us a minute even though we've moved into techno speak. You need this information to select the right screen. Apple Macintosh machines can also be used with plasma screens and use the following resolutions:

- 640 x 480 (Mac 13")
- 832 x 624 (Mac 16")
- 1024 x 768 (Mac 19")
- 1152 x 870 (Mac 21")

UNIX workstations can also be connected to plasma screens. As a general rule for:

- SVGA computers (800 x 600 pixels) select a plasma screen of 852 x 480 pixels. These will currently cost around £3500+VAT for a 42" screen.
- XGA computers (1024 x 768 pixels) select a plasma screen of 1024 x 1024 pixels. These will currently cost you around £4500+VAT for a 42" screen.

This is makes sure that the image displayed is of excellent quality. For example, most 852 x 480 pixel plasma screens will display an XGA image made up of 1024 x 768 pixels but it has to miss out lines in order

to display the image so you loose quality. You will also notice the price difference which is why you need to get this right. End of geek-speak.

Accessories

With most plasma screens you will have to purchase a stand or mount in order to use it. This is at additional cost starting from £125+VAT. Your options are:

- Desktop stand
- Trolley stand
- Wall mount bracket
- Ceiling mount bracket

A wall mount bracket is probably the most common option. You just screw the mount to the wall and attach the plasma screen. Because most screens are only 3-4 inches deep, you get a nice neat effect.

Some screens have wall mount brackets that have a quick release system so that you remove the plasma screen with ease. This can be very useful, as by also purchasing a desktop stand, you can remove the screen when take it to exhibitions to enhance your exhibition stands. If the screen is to be mounted in a public building this is obviously not an advantage.

You can also purchase an optional pair of speakers for plasma screens. One is attached at each side of the plasma and they are quite aesthetically pleasing. Most screens have built-in speakers, but optional ones significantly increase the maximum volume. If your conference room already has a speaker system installed, you can connect the plasma screen into this.

Alternatives to plasma screens

LCD projectors are the main alternative to plasma screens. Look at the comparison in Pubs and clubs

Room control systems

Plasma screens can be linked into existing or new room control systems. These systems are one central control for some or all of the electric equipment in a room. Equipment that can be connected includes:

- Lights
- Electric curtains or blinds
- Projectors and electric screens
- Signs outside the room door, e.g. "Do not disturb", "Room in use", etc
- Video recorders, DVD players and televisions

Pixel to pixel widescreen graphics cards for PC's

Normal computer graphics cards output in a 4:3 aspect ratio, e.g. 800 x 600. Pixel to pixel cards can be used to output in a 16:9 aspect ratio, for example 852 x 480 pixels. By using these cards with a PC connected to the plasma screen gives the best quality image possible. These cards cost around £150+VAT but are definitely worth it.

Mini PC's

You will need to connect the computer to the plasma screen via cabling within 10 metres of the plasma. Any further and the computer's signal degrades and you will need to consider purchasing a signal booster box to extend the distance.

You can also get very small computers that will fit in the gap behind the plasma screen. These mean that the plasma screen becomes self-contained and the only cabling you need is a single power cable. Some mini PC's also have a built-in Pixel to Pixel graphics cards (see above) to allow you to get the most from the plasma screen. They are also available with DVD drives, network cards, floppy drives, etc, onboard. Changing CD-ROM's, DVD's, or floppy disks can be done quire easily from the side.

Control of these mini-PC's can be made using a radio keyboard and mouse. If the mini-PC is connected to the network then you can use software to control this PC from anywhere on the network.

New and amended features

Please note at the time of writing all the information in this guide is correct. However, changes do occur with some models becoming discontinued whilst newer models and features come onto the market. To check current models and comparison charts please visit www.plasmascreens.co.uk

Home plasma screens

Plasma screens for home cinema

42" and 50" plasma screens make impressive replacements for the television in your home. You simply connect up the plasma to your video recorder, satellite system and DVD player and away you go in widescreen.

Most plasma screens cannot pick up television signals and hence your video recorder has to do this job. A television tuner is an optional extra on some screens which effectively turns a plasma screen into a television and gives Teletext functionality. Only Universal plasma screens and Philips Flat TV screens currently have a built-in tuner as standard (at the time of writing).

Plasma screens come in two sorts, Class A and Class B. These are electromagnetic wave radiation standards. Class A radiation screens are for standard commercial use, for example display boards in reception areas or in board rooms. Class B radiation screens are for home use. You will have to buy a Class B screen because of the extra radiation shielding built in. This is because when you use a plasma screen to replace a television, you could be using it 6 hours every evening hence the extra shielding.

Currently, only some Fujitsu, Universal and Philips plasma screens are Class B (at the time of writing).

Plasma screens for playing games

You can use games systems that normally work with a television with your plasma screen, for example the new PlayStation 2. Using these systems is straight forward, you just connect into the screen.

Plasma screens for computer use

The average 42" plasma screen has 852 x 480 pixels and will cost you around £3500 + VAT. This pixel resolution is fine for television signals but computers normally use one of the two following resolutions:

- 800 x 600 pixels also known as SVGA
- 1024 x 768 pixels also known as XGA

If your computer uses 800 x 600 you will see a good quality picture but if you just compare 800 x 600 with the 852 x 480 of the plasma screen its easy to see that the plasma screen will have to miss some pixels to display the image.

If your computer uses 1024 x 768, then to get a good image you will either need to lower the computer resolution to 800 x 600 or consider paying £4500+VAT for a 42" screen that has 1024 x 1024 pixels.

You can find out which resolution your computer is using on Windows based machines by:

- Click on 'Start' then 'Setting' then 'Control panel'
- Double click the 'Display' icon

- Click on the 'Settings' tab
- Look at the 'Desktop area' section to see if it is 800x600 or 1024x768

Optional extras

Unfortunately, most manufacturers do not supply a stand or wall mount bracket as standard and you have to pay between £150 to £300 plus VAT for one of these. At the time of writing, the Universal 42" and 50" screens are the only plasma screens which are supplied with both a wall mount and stand as standard. Philips Flat TV are available with cabinets on some models.

TV tuners generally cost around £150+VAT.

Projectors vs plasma screens

LCD digital video projectors are becoming increasingly cheaper and are the main alternative to plasma screens for home use. You can connect a video recorder or other video source as well as a computer. Projectors have the following advantages over plasma screens:

- LCD projectors have a cheaper purchase price than plasma screens. A 42" screen will set you back around £3500+VAT but an LCD projector will cost you around £1750+VAT for an SVGA projector.
- An SVGA (800x600 pixel projector) will give a finer quality 800 x 600 computer image
- You can decide on the exact size of image that will be projected. An image of 100" diagonal is quite usual. Plasma screens are mostly 42" diagonal or 50".

However, before you run out and buy an LCD projector, plasma screens have the following advantages:

- A plasma screen will generally have a life span of 30,000 hours. If you get your calculator out, this is 10 years of running using it 8 hours per night, 7 days per week, 52 weeks per year. A projector will need a replacement lamp generally every 2,000 hours use at an average cost of £350+VAT per lamp. This will last your 250 days at 6 hours. So (calculator time again) in 3 years you will have to spend £1,400+VAT and have the hassle of replacing lamps.
- A low cost projector will not be very bright. You will be able to see a picture at night with the lights on, but the picture will be faint compared with a television. Plasma screens generally have the same brightness as a television.
- Plasma screens are generally only 3" deep and can be attached to walls or ceiling mounted with ease. Projectors need to be mounted as well as a projection screen and you need minimum distances between the two to get the right image size which complicates the installation.

Plasma screens and projectors are both great for home use. If you have £3500+VAT to spare, then buy a plasma screen. You won't be disappointed. Otherwise, consider a projector for gaming and watching movies, but keep your television for everyday use.

New and amended features

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Resources

Plasma screen guide

If you have found this Plasma screen guide to be useful and would like to share it with your colleagues or give it away on your website, then please feel free to do so, provided the guide is kept in its original form and not amended in any way. Copies of this guide can be found at www.plasmascreens.co.uk

Prices provided in this publication are a guideline only for evaluation.
Current product range, comparison charts and prices available at
www.plasmascreens.co.uk

Whiteboard guide

Copies of this guide, current product range, comparison charts and prices can be found at www.interactive-whiteboards.co.uk

Multimedia Projector guide

Copies of this guide, current product range, comparison charts and prices can be found at www.multimedia-projectors.co.uk

LCD Monitors

Copies of this guide, current product range, comparison charts and prices can be found at www.lcd-monitors.co.uk

Presentations & Presentation Equipment

Copies of this guide, current product range, comparison charts and prices can be found at www.presentation-equipment.co.uk

Software

Current product range, useful information and prices can be found at
www.software-packages.co.uk

Marketing

If you want to give this Plasma screen guide to your website visitors and would like a few words about your company, educational establishment or project with your website address displayed in the guide then please contact us at
marketing@wedgwood-group.com

Links to useful websites

Plasma manufacturers

Eizo	www.eizo.co.uk
Fujitsu	www.fujitsu-general.co.uk
Hitachi	www.hitachi-eu-bsd.com
JVC	www.jvcpro.co.uk *Look under Products - Monitors*
NEC	www.nec.co.uk *Look under Product Information - Plasma Displays*
Panasonic	www.panasonic.co.uk/nw/presentation/main.asp
Philips - commercial	www.fimi.philips.com *Look under Products - Public Information Displays - Products*
Philips - Flat screen TV	www.philips.co.uk *Look under TV - Flat TV*
Pioneer	www.pioneer-eur.com *Look under Products - Multimedia - Display - Plasma*
Sanyo	www.sanyo.co.uk *Click on Vision - Plasma Display*
Sony	www.sonypresentation.com *Products & e-store - Presentation Monitors - Flat Panel Monitors*
Universal	www.universalplasma.co.uk

