

Technologies

Short throw lens
A short throw lens is ideal for small rooms. The projector can project extremely large image diagonals even at a short distance to the screen (e.g. 1 m distance = 1.90 m image diagonal).

WXGA (Wide XGA)
WXGA is specially designed for presenting images in wide-screen format, with aspect ratios of 15:9, 16:10, < 16:9 and >16:9. The WXGA format is particularly suitable for showing videos in HD format and HDTV.

Split screen
The split-screen function enables the projector to indi-vidually display signals from two separate appliances at the same time. It is activated at the touch of a button and automatically searches for the two source appliances for the two sides of the display.

Wall-colour correction
If you project onto a coloured wall, the results are not ideal. In order to display the projection in the same colours as the original, the complementary colours are intensified and the wall colour component thus diminished. This can be illustrated using the example of a blue wall. The blue component of the projection is reduced and the red and green components in the picture are intensified.

BrilliantColor™
The revolutionary BrilliantColor™ technology enables higher brightness levels by boosting mid-tone colors, guaranteeing presentations that are more vibrant and precisely rendered. Working side by side with the 5-segment color wheel, this technology offers you the most vivid images in each and every one of your presentations.

HD ready
'HD ready' is a label created by EICTA for appliances that are able to reproduce high-definition television (HDTV) images. The SP830/SP831 complies with 'HD ready' requirements and is, therefore able, to offer high-definition resolution which is five times higher than the current TV standard (PAL).

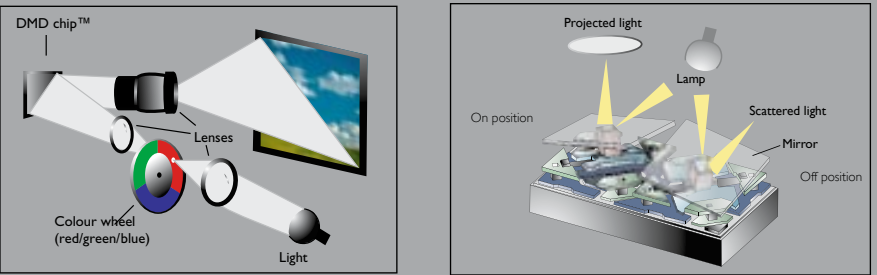
HQV™ (Hollywood Quality Video) processing
HQV™ ensures that you can watch TV films or DVDs in the original format without any loss in quality. HQV™ is an important technology for the new Blu-ray and HD-DVD formats. It improves contrast to produce increased sharpness of detail and guarantees stunningly clear and vibrant images for every scene, whether dark or light. With HQV™ you can have true cinema quality in your very own home.

HDMI™ (High Definition Multimedia Interface)
An HDMI™ is a digital port developed for video use which carries sound as well as images. HDMI™ not only enables data to be transferred at 5 GB/s, it also prevents conversion losses, thus ensuring outstanding picture quality. The HDMI™ port is the actual standard for digital signal transmission, and is used in devices such as Blu-ray players, multimedia PCs, notebooks or the latest generation of gaming consoles.

DVI signal input
Quality losses may result if a projector is linked to the computer via the analogue VGA SUB-D input. The computer's digital signal is converted to an analogue signal prior to transmission and then converted back to a digital signal in the projector. With purely digital transmission via DVI, however, signal conversion is not necessary and hence optimum image quality is guaranteed.

DLP® (Digital Light Processing)

On DLP® projectors the light from the projection lamp is projected through a swiftly rotating RGB colour wheel (RGB = red, green, blue) onto the DMD chip™ (Digital Mirror Device). The mirror on the chip reflects the light through the lens onto the projector screen. With the help of the swiftly rotating colour wheel the colours are now mixed on screen so that natural colours are produced.



The DMD chip™ from Texas Instruments forms the core of the DLP® technology. Over 500,000 movable mirrors are mounted on a chip the size of just one fingernail. Each of these mirrors, which are mounted on a torsion joint, can move into two positions and be controlled directly. Light is shed by the lamp through the colour wheel onto the chip. Depending on the tilted position, the light for each pixel will either be directed through the projection lens to the projector screen or the light will be completely absorbed in the projector. This is also the reason for the higher contrast values of DLP® projectors.

Through the Color Matching™ technology colours can be displayed 1:1 from your notebook without any deviations during the presentation. Moreover, the DLP® technology reduces the scattering losses in the projection, thereby improving the contrast ratio and resulting in a sharper picture without loss of detail. Another clear advantage of this technology lies in the fact that it guarantees soft and seamless transitions without pixel edges.

DLP® technology enables both the customer and the projector manufacturer to exploit the optimum potential in innovation and diversity. Through the Single Panel technology these projectors provide maximum flexibility in terms of size and shape.

Today, DLP® technology is paving the way for bringing brightness, contrast and sharpness to all markets.

Ergonomics and safety

High contrast and light intensity values at a constant whisper-quiet noise level determine both the ergonomics and the image quality. A business projector should have a low pixel structure for outstanding display quality. The certificates shown below provide you with assurance of the ergonomics, safety and environmental friendliness of the product.



TÜV GS mark:
Safety tested in accordance with work and operating safety guidelines and ergonomic requirements.



CE mark:
Manufacturer's declaration in accordance with EU guidelines for product safety and electromagnetic compatibility.

BenQ guarantees safety
All BenQ projectors meet the requirements of TÜV GS and CE.

Guarantee



36-month repair and pickup & return service. In the first year you may receive a replacement unit upon request while yours is being repaired. In the second and third years you may send your unit to our service centre for repair and we will return the repaired unit to you free of charge. All lamps come with a warranty of six months or 1,000 hours, whichever comes first.

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For brilliant business presentations!



BenQ

Enjoyment Matters

Office series

Brilliant colours, powerful presentations and multiple connection options to give you flexibility. With high contrast and low noise.

MP522ST: Thanks to its short throw lens and 2,000 ANSI lumens, the BenQ MP522ST is ideal for giving professional presentations in small rooms. Integrated wall-colour correction makes for perfect image quality, even on coloured surfaces. Thanks to its fast-cooling function, the short throw projector is ready to pack away the minute it is switched off. The MP522ST combines flexible installation and perfect image quality at a quiet 26 dB (in eco-mode) to produce ideal presentation results.



MP522ST

- 2,000 ANSI lumens
- XGA (1,024 x 768)
- Contrast ratio: 1,000:1
- Short Throw Lens
- < 26 dB (eco-mode)
- Up to 4,000 hours of lamp life (eco-mode)
- D-sub: Composite Video; S-Video
- 1 x 5W Speaker
- Quick Cooling
- Wall-colour correction
- BrilliantColor™
- **RRP: €XXX**



MP623/MP624: Housed in a sleek piano-black lacquer design, the MP623 and MP624 packs in the punches with their XGA resolution of 1,024 x 768 pixels, a high contrast ratio of 2,500:1 and a maximum brightness of 2,500 and 3,000 ANSI lumens, respectively. The compact 2.5 kg portable projectors are particularly suitable for data and video presentations in medium-sized to large conference or educational venues, and great for those travelling professionals who require a high quality projector they can just pack up and go.



MP623¹⁾/MP624²⁾

- ¹⁾2,500/²⁾3,000 ANSI Lumen
- XGA 1,024 x 768
- Contrast ratio: 2,500:1
- BrilliantColor™
- < 26 dB (eco-mode)
- HDMI™
- Independent colour management
- Quick Cooling
- Wall-colour correction
- Password protection
- Presentation timer
- **RRP: ¹⁾€XXX / ²⁾€XXX**



MP723: The MP723 will make your eyes light up: Brilliant Color™ technology gives realistic colour reproduction and increased brightness – making colours look even livelier. With independent colour management, the saturation of each colour – red, green, blue, cyan, magenta and yellow – can be set individually, while UNISHAPE technology allows the brightness to be adapted to suit the image content – guaranteeing the highest quality projection at all times. The MP723 combines the best image display with an elegant design: black piano varnish and a leather-look complete the image to make the projector a real treat for the eyes.



MP723

- XGA (1,024 x 768)
- 3,300 ANSI lumens
- Contrast ratio: 2,000:1
- < 29 dB (eco-mode)
- Up to 4,000 hours of lamp life (eco-mode)
- Password protection
- BrilliantColor™
- Front ventilation
- Removable keypad
- „Off & Go“ function
- DVI-D
- 6-segment colour wheel
- Remote control with laser pointer
- **RRP: €XXX**

MP730: : The MP730 brings brilliant, lively colours to the screen with no loss of quality. A real experience through the WXGA resolution.



MP730

- WXGA (1,280 x 800)
- 2,200 ANSI lumens
- Contrast ratio: 700:1
- < 30 dB (eco-mode)
- Up to 4,000 hours of lamp life (eco-mode)
- „Off & Go“ function
- Front ventilation
- Quick Cooling
- Component input
- HDMI™
- Removable keypad
- BrilliantColor™
- 6-segment colour wheel
- Remote control with laser pointer
- **RRP: €XXX**

MP771: This high performance XGA short-throw projector allows you to project a bright and clear 37" big picture from a distance of only half a meter! Built with a high brightness of 3,000 ANSI lumens and a high 2,000:1 contrast ratio, the MP771 is able to successfully prevent ambient light from blurring all images projected, allowing students in the back of the classroom to see the screen clearly, even with the lights on.



MP771

- Short Throw Lens
- 3,000 ANSI lumens
- XGA (1,024 x 768)
- Contrast ratio: 2,000:1
- BrilliantColor™
- < 29 dB (eco-mode)
- Front ventilation
- „Off & Go“ function
- Quick Cooling
- Removable keypad
- Up to 4,000 hours of lamp life (eco-mode)
- DVI-D
- 6-segment colour wheel
- Remote control with laser pointer
- **RRP: €XXX**

Stationary series

The performance class for your presentation room!

SP820: The SP820 business-use projector create on-screen colours that are brilliant, lively and with no loss in quality: featuring 4,000 ANSI lumens respectively, and a contrast of 2,000:1, the projector present even the finest lines and details with a wealth of sharpness and contrast. With independent colour management, the saturation of each colour can be set individually, while the digital DVI-D signal port enables loss-free signal transfer for optimum picture quality.



SP820

- 4,000 ANSI lumens
- XGA (1,024 x 768)
- Contrast ratio: 2,000:1
- Independent colour management
- < 31 dB (eco-mode)
- Password protection
- Carrying handle
- 5-segment Golden Ratio colour wheel
- Up to 3,000 hours of lamp life (eco-mode)
- Digital zoom
- DVI-D
- Remote control with laser pointer
- **RRP: €XXX**

SP830: The high contrast and brightness of the SP830 provides on-screen colours which are brilliant and vibrant, with no loss in quality. A real widescreen experience thanks to the WXGA 1,280 x 768 resolution. Its new 'split screen' technology guarantees that this projector will enrich all your presentations and captivate your audience. With 3,500 ANSI lumens, the SP830 is the ideal projector for large conference rooms and ensures that your audience will never again be left in the dark.



SP830

- WXGA (1,280 x 768)
- 3,500 ANSI lumens
- Contrast ratio: 2,000:1
- < 32 dB (eco-mode)
- Up to 4,000 hours of lamp life (eco-mode)
- „Off & Go“ function
- DVI-D
- Split screen
- BrilliantColor™
- HQV™
- 6-segment colour wheel
- 2x component input
- Remote control with laser pointer
- **RRP: €XXX**

SP870: The BenQ SP870 projector is the perfect choice for meetings in bright rooms. Regardless of whether there's normal daylight or bright sunshine: with 5,000 ANSI lumen and a contrast ratio of 2,000:1, the SP870 is one of the brightest DLP® projectors on the market. BrilliantColor™ technology produces true-to-life colour representation – making colours brighter and more vivid. For the highest-quality projection, look no further than the BenQ SP870.



SP870

- 5,000 ANSI lumens
- XGA (1,024 x 768)
- Contrast ratio: 2,000:1
- DVI-D
- UNISHAPE technology
- Independent colour management
- < 33 dB (eco-mode)
- Password protection
- BrilliantColor™
- 5-segment Golden Ratio colour wheel
- Up to 3,000 hours of lamp life (eco-mode)
- „Off & Go“ function
- Remote control with laser pointer
- **RRP: €XXX**

SP920: Thanks to its two lamps, the BenQ SP920 is very versatile, as it offers the right ANSI lumens regardless of light conditions. In large rooms or in difficult light, the second lamp simply switches on – meaning that even the finest detail is presented with a wealth of contrast and sharpness at 6,000 ANSI lumens (4,800 in eco mode). The additional lamp stays in stand-by mode for standard projections with 3,000 lumens. This saves electricity and increases the lamp's lifespan.



SP920

- 6,000 ANSI lumens
- XGA (1,024 x 768)
- Contrast ratio: 2,000:1
- Dual lamp
- HDMI™ ver. 1.3/DVI-D
- UNISHAPE technology
- < 34 dB (eco-mode)
- Wall-colour correction
- Password protection
- BrilliantColor™
- 5-segment Golden Ratio colour wheel
- Up to 3,000 hours of lamp life (eco-mode)
- Remote control with laser pointer
- **RRP: €XXX**