

BenQ's SP820 is a superb choice for those who need a XGA projector that can reliably provide a bright, clearly viewable picture in virtually any environment. Its wide array of useful features are not only elegantly implemented, but are easily accessible through a well-thought out interface. It's perfect for business users' presentations and a classroom teacher's lectures alike—in fact, for any application where even large audiences can be ensured of a great view regardless of a room's light levels. For a projector that can perform to your requirements regardless of the application or venue, the SP820 is just right.

More Lumens, Brighter Images

The extraordinarily clear, bright images that the SP820 delivers are sure to light up a smile on any viewer. The SP820 achieves stellar results through a combination of its powerful lamp, excellent contrast ratio, and exclusive BenQ technologies.

Extra-Bright Projection Lamp (4,000 ANSI Lumens)

An extremely powerful projection lamp, rated at a full 4,000 ANSI lumens, makes the SP820 capable of displaying a bright, easily viewed image even in a lit room.

High Contrast Ratio

The SP820's high 2000:1 contrast ratio ensures a vividly rendered picture, bringing out details even in darkly lit scenes.

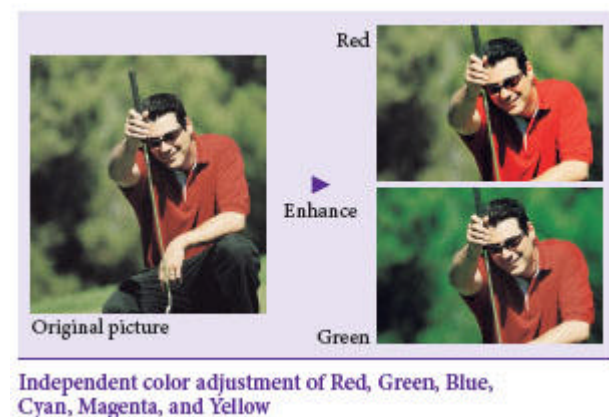


Enhanced Colour Wheel Design

Drawing on cognitive science research, BenQ has refined the five-segment colour wheel to optimize colour rendition for human visual perception.

Independent Colour Management

This feature allows you to adjust six colours for hue and saturation levels individually, achieving exactly the colour balance you desire.

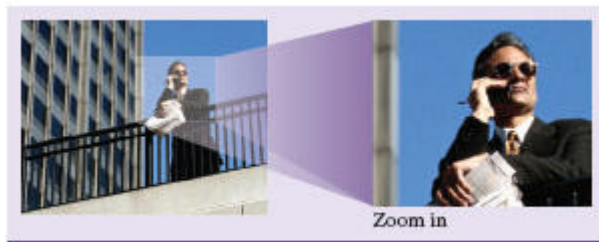


Made for You

The SP820 offers an extensive range of features that will delight you with for the added convenience and ease of use they bring. You'll work more efficiently and enjoy yourself more by taking advantage of BenQ's thoughtful design touches.

Digital Zoom

The SP820's handy digital zoom makes it easy to enlarge specific portions of the picture, whether it's to emphasize a point in a presentation or examine details in a photo.



Explore the detail of any object interests you !

Power On/Off Ring Tone

The SP820 spares you the hassle of visually monitoring its status, notifying you with a discreet tone when it's warmed up and ready to use, or cooled down and ready for unplugging.

Transparent OSD Menu

The SP820's on-screen menu offers adjustable levels of transparency, allowing you to set them so you can view the full picture content even when accessing controls.



Makes OSD (On Screen Display) Menu Translucent to avoid blocking the content

Convenient Hand Grip

The elegantly integrated handle on the SP820 makes it easy to carry the projector from room or to transport it when traveling off-site.



Carry the projector around with ease

Five Application Modes

Five preset modes make getting picture settings optimized for specific types of content—such as a presentation or movie—virtually instantaneous.

Convenient Foot Adjustment

A jog dial on the side of the SP820 makes it a snap to raise and lower the projector with just a swipe of the fingers.



Adjusting projector foot is so easy !

Easily Accessible Lamp Door

A lamp door positioned on the top surface of the SP820 means changing the projection lamp is quick and easy—and not an ordeal as it is on most projectors.



Easily accessible lamp door

Well-connected

The SP820 provides ports for key interfaces, so you can connect the most common types of video sources, whether analog or digital.

Display Technology	DLP® by Texas Instruments
Native Resolution	XGA (1024 x 768)
Resolution Supported	VGA(640 x 350) to SXGA+ (1400 x 1050)
Brightness	4000 ANSI lumens
Contrast Ratio	2000:1
Image Size	31"to 300"
Throw Ratio	1.8 to 2.1 (55"@2m)
Zoom Ratio	Manual Zoom, 1.15:1
Lens	F=2.6 to 2.8, f=26.0 to 29.8 mm
Light Source	280W, 2000/3000 hours (Normal/Economic mode)
Operational Noise	36/33dB (Normal/Economic mode)
Displayable Colours	Full 16.7 million colour palette
Aspect Ratio	4:3 Native, 16:9 Selectable
Horizontal Frequency	31-90 kHz
Vertical Scan Rate	50-85Hz
Input Sources	PC Analog RGB: D-sub 15 pin x 1(shared)

	DVI-D A/V Component Video: D-sub 15 pin x 1(shared) S-Video: Mini Din 4 pin x 1 Composite Video: RCA x 1 Audio Audio I: RCA L& R x 1 set Audio II: Mini jack x 1
Output Terminals	PC Analog RGB: D-sub 15 pin x 1 Audio 3 Watt Speaker x 1 Mini jack x 1
Video Compatibility	NTSC/PAL/SECAM
Dimensions (HxWxD)	300x 244 x 88 mm (L x W x H)
Net Weight	3.73kg
Power Supply	90 to 240 VAC, 50 to 60 Hz
Power Consumption (Max)	Max 350W
OSD (On-Screen Display) languages	English/ French/ German/ Italian/ Spanish/ Russian/ Traditional Chinese/ Simplified Chinese/ Japanese/ Korean/ Swedish/ Dutch/ Turkish/ Czech/ Portuguese / Thai/ Polish (17 languages)
Functions	Freeze Auto Off Security Password HDTV Compatible Digital zoom Independent Color Mgmt H+V Position Adjustment Translucent Menu Grip Handle
Accessories Included	User's Manual CD Quick Start Guide Remote Control Battery for R/C VGA Cable USB cable PC Audio Cable Power Cord
Accessories (Optional)	Lamp Module Composite Video cable S-video Cable RCA L/R Audio Cable Component video cable



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