

BenQ Digital Projector

SP870 Specifications

| | | |
|------------------------|--|------------------------------|
| Projection System | DLP® Technology by Texas Instruments | |
| Native Resolution | XGA (1024 x 768) | |
| Brightness | 5000 ANSI Lumens | |
| Contrast Ratio | 2000:1 (Full on/Full off) | |
| Aspect Ratio | 4:3 Native, 16:9 Selectable | |
| Color | Full 16.7 million color palette | |
| Lens | F=2.4-2.7, f=38.87-46.63mm | |
| Zoom Ratio | Manual Zoom, 1.15:1 | |
| Image Size (Diagonal) | 40" to 300" | |
| Throw Ratio | 60" @ 2M (60" @ 6.6 feet) | |
| Keystone Adjustment | Vertical +/- 25 degrees | |
| Color Wheel | 5 segment, RYGBW, Speed (2X, 2X) | |
| Lamp | 360W, 2000/3000 hours (Normal/Economic mode) | |
| Resolution Support | 640 x 480 to 1280 x 1024 | |
| Computer Compatibility | VGA (640 x 350) to SXGA (1280 x 1024) | |
| HDTV Compatibility | 480i, 480p, 576i, 576p, 720p, 1080i | |
| Video Compatibility | NTSC, PAL, SECAM | |
| Horizontal Frequency | 31-93 KHz | |
| Vertical Scan Rate | 48-85 Hz | |
| Input Terminals | PC | Analog RGB: D-sub 15 pin x 1 |
| | A/V | Component Video: RCA x 3 |
| | | S-Video: MINI DIN 4 pin x 1 |
| Audio | Composite Video: RCA x 1 | |
| | DVI-D (HDCP support) x 1 | |
| Output Terminals | PC | D-sub 15 pin X 1 |
| | Audio | 12V Trigger |
| | | 2 Watt Speaker x 2 |
| Control Terminals | Serial Connector: RS232 8 pin MINI DIN | |
| | USB Connector: USB x 1 (Type mini B) | |
| | Wired Remote Jack x 1 | |

| | | |
|-----------------------------|--|-----------------------|
| Dimensions (W x H x D) | 375 x 115 x 277 mm (14.8 x 4.5 x 10.9 inch) | |
| Weight | 4.9 kg (10.9 lbs) | |
| Power Supply | 100 to 240 VAC, 50 to 60 Hz | |
| Power Consumption | Max 510W | |
| Audible Noise | 36/33 dB (Normal/Economic mode) | |
| On-Screen Display Languages | English/ French/ German/ Italian/ Spanish/ Russian | |
| | Traditional Chinese/ Simplified Chinese/ Japanese | |
| Picture Modes | Korean/ Swedish/ Dutch/ Turkish/ Czech/ Portuguese | |
| | Thai/ Polish | |
| Functions | PC Input: | A/V Input: |
| | Dynamic Mode | Dynamic Mode |
| Accessories (Standard) | Presentation Mode | Standard Mode |
| | sRGB Mode | Cinema Mode |
| Accessories (Optional) | Cinema Mode | User 1/User 2 Mode |
| | User 1/User 2 Mode | |
| Accessories (Optional) | 3D Color Management | Wall Color Correction |
| | Quick Auto Search | BrilliantColor™ |
| Accessories (Optional) | Time Controller | Blank (ECO Mode) |
| | Presentation Timer | Quick Cooling |
| Accessories (Optional) | Power On/Off Ring Tone | Auto Off |
| | Panel Key Lock | Security Password |
| Accessories (Optional) | Resolution Reminder | My Screen |
| | 11 Sets of Picture Mode | HDCP Compatible |
| Accessories (Optional) | "Q" Hot Key for FAQ | HDTV Compatible |
| | Freeze | 12V Trigger |
| Accessories (Optional) | Lamp Care | High Altitude Mode |
| | User's Manual | Remote Control |
| Accessories (Optional) | Quick Start Guide | Batteries for R/C |
| | Manual CD | VGA Cable / PWR Cord |
| Accessories (Optional) | Ceiling Mounting Kit | Spare Lamp Kit |
| | Presentation Plus | |

BenQ SP870 High Brightness Projector

SP870 Projection size (max. Zoom)

| Distance (m) | 1 | 1.5 | 2 | 2.5 | 3 | 5 | 6.5 | 10 |
|---------------------------------------|------|------|------|------|------|-------|-------|-------|
| 4:3 aspect ratio, screen size (inch) | 30 | 45 | 60 | 75 | 90 | 150 | 195 | 300 |
| 16:9 aspect ratio, screen size (inch) | 27.6 | 41.3 | 55.1 | 68.9 | 82.7 | 137.8 | 179.1 | 275.6 |



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BenQ
Enjoyment Matters

The BenQ SP870 Projector



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SP870 High Brightness Projector



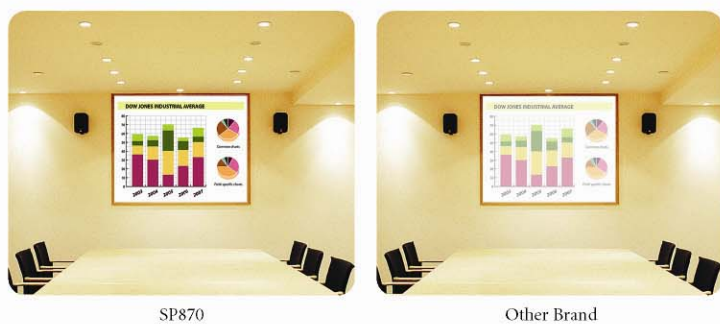
SP870 High Brightness Projector

The era of "lights-on" presentations has arrived! Get ready to brighten your presentations with 5000 ANSI lumens. Let the BenQ high brightness projector bring you the light you need for your business meetings.

Enjoy Projecting with the Lights On

The Brightest Projector with 5000 ANSI Lumens

BenQ's SP870 projector is the brightest choice for all your meetings. Light and compact with 5000 ANSI lumens high brightness and 2000:1 high contrast ratio, the BenQ SP870 will put the shine on you and the smile on your audience every room every time!



The BenQ SP870 allows you to keep the lights on in all of your meetings. You'll never have to suffer from dark rooms like you did with others' projectors again.

Enjoy the Liveliest Colors with Up-to-Date Technology

Bring the Colors of the World to Life

Made in collaboration with the advanced BrilliantColor™ Technology from Texas Instruments, BenQ's unique golden ratio 5 segments color wheel gives you the truest, liveliest color ever.



Better Color Management for Better Personal Viewing

The built-in 3D color management technology gives you the pleasure of adjusting the color intensity with the independent control of six colors' (R/G/B/C/M/Y) hue, gain, and saturation levels.



It Has Everything that You Can Think Of

Wall Color Correction

BenQ has studied the world's most commonly used paint colors and developed an easy-to-use wall color correction technology that will ensure you precise color performance on all surfaces.

Presentation Timer

The preset on-screen messages or audible beeps keep you on the right track! Now, you'll be making eye contacts with your audience instead of your watch.

Lamp Care

The SP870 can detect the bulb temperature automatically making sure the temperature is cool enough before it allows the lamp to power up.

Power On / Off Tone

Let the built-in alerts tell you when to start projecting and when to pack things up. Enjoy talking with your audience at ease!

Panel Key Lock

Use the control console or the remote to press the lock-key and be safe from accidentally pushing the wrong buttons. Now, you'll be safe from having your presentation disappear from view!

Quick Auto Search

The SP870 automatically searches for and routes your presentation in 2 seconds allowing you to present whenever you are ready.

Multi-Function Interface

A Rear IR sensor B Wire remote C RS-232 D USB (mini B type) for page up/down
E DVI-D input (Support HDCP) F D-sub input: analog RGB/Component
G 12V trigger H D-sub output I Component in Y/Pb/Cb Pr/Cr
J Basic video input: composite/ S-video K Audio input

Full Function Remote Control

11 picture modes
Image capture for start-up-screen
Menu/Exit: access the OSD and returns from OSD
Blank: hide image
Laser pointer
Presentation timer setup
Brightness adjustment
Contrast adjustment
Enter: confirm
Source: source detection
Arrow key: hot keys for keystone, FAQ and panel key lock/ arrow keys
Digital zoom hot key
Page up/down hot key