



BenQ



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Specifications

Model Name	CP120
Native Resolution	XGA (1024 x 768)
Projection System	DLP™ technology by Texas Instruments*
Brightness	1500 ANSI lumens
Lamp	132W, 2000/3000 hours (Normal/Economic mode)
Contrast Ratio	2000:1 (Full on/Full off)
Weight	2.9 lbs (1.3 kg)
Audio Noise	<35/32 dB (Normal/Economic mode)
Resolution Support	VGA (640 x 350) to SXGA (1280 x 1024)
Dimension (WxHxD)	8.6 x 6.8 x 2.15 inches (218 x 167 x 54.5 mm)
Image Size	27" to 300"
Throw Distance	Min:1m; Max:10m
Zoom Ratio	Manual zoom, 1.16:1
Lens	F=2.6-2.9, f=25.8-23.5 mm
Color	Full 16.7 million color palette
Aspect Ratio	4:3 Native/16:9 screen selectable
Horizontal Frequency	31-82 KHz
Vertical Scan Rate	48-85 Hz
Projection Position	Front/Rear, Table
Input Terminals	PC Analog RGB; D-sub 15 pin x 1 A/V Component Video: D-sub 15 pin x 1 (shared) S-Video: Mini Din 4 pin x 1 Composite Video: RCA x 1
Control Terminals	USB Serial Control: USB x1, Type mini B

Video Compatibility	NTSC/PAL/SECAM
Auto Switching Power Supply	100 to 240 VAC, 50 to 60 Hz
Power Consumption	Max. 190W
On-Screen Display Language	English/ French/ Germany/ Italian/ Spanish/ Russian Traditional Chinese/ Simplified Chinese/ Japanese/ Korean Swedish/ Dutch/ Turkish/ Czech/ Portuguese/ Thai/ Polish
Application Modes	PC Input <ul style="list-style-type: none"> Brightest mode Presentation mode sRGB/ Photo mode Gaming mode Video mode AV Input <ul style="list-style-type: none"> Movie mode Cinema mode Gaming mode Photo mode
Functions	<ul style="list-style-type: none"> Real time auto keystone Freeze Blank Auto off Quick cooling Security password Sliding lens door Spring adjustable foot Built-in wireless connection Auto phase adjustment HDTV compatible Macintosh™ compatible (Excluding wireless) 9 Sets of application mode Tripod socket
Accessories (Standard)	<ul style="list-style-type: none"> User's manual Quick start guide CD manual Remote control Battery for R/C Skin bag Pouch VGA cable PWR cord USB cable
Accessories (Optional)	  <ul style="list-style-type: none"> Spare lamp module (6KJ0V08.001) Presentation plus (65J9306.001)

* The actual lamp life may depend of the surrounding environment. Condition that may affect lamp life including altitude, temperature or switching the projector on and off.

Projection Size

Distance (m)	1	1.5	2	2.5	3	5	6.5	10
4:3 aspect ratio, screen size (inch)	23"-27"	35"-41"	47"-55"	59"-68"	70"-82"	117"-137"	152"-178"	235"-274"
16:9 aspect ratio, screen size (inch)	22"-25"	32"-38"	43"-50"	54"-63"	65"-75"	108"-126"	140"-163"	215"-251"

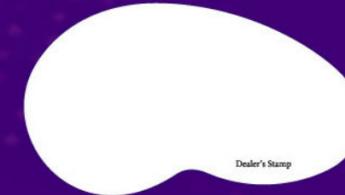
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DLP™ technology by Texas Instruments offers crystal clear images with superior quality.

Communicate Today With Future.

CP120 The world's smallest wireless projector



CP120 Digital Projector



BenQ
Enjoyment Matters



Designed especially for business users and other professionals who often give presentations in a client's office or other outside site, the CP120 offers a stylish appearance, compact form factor, and wireless connectivity to simplify setup.

Designed for Mobility and Style

Compact. Fit. Lightweight. Free

Weighing a mere 1.3 kilograms and close in footprint to a sheet of A5 paper, the BenQ CP120 was designed from the get-go as a mobile presentation machine. With its tripod and wireless connectivity, the CP120 is perfect for setting up and giving presentations anywhere.



Sleek Metallic Exterior

With a sleek casing made of a durable magnesium/aluminum alloy, the CP120 uses a stylish bright silver and violet-shaded gray color scheme to convey a sophisticated high-tech feel.



Sliding Lens Cover

The CP120 is equipped with BenQ's patented sliding lens cover, which does away with cumbersome detachable lenses caps found on other projectors. It not only protects the lens, but also eliminates the possibility for misplacing your lens cap.



Tripod Socket Design

With the tripod socket design, CP120 provides great flexibility for users to present in a variety of environments. Now, you are free to present your ideas anytime and anywhere!



EL Illuminated Keypad Panel

Featuring an EL illuminated keypad, the CP120 can be operated in the darkest of environments.



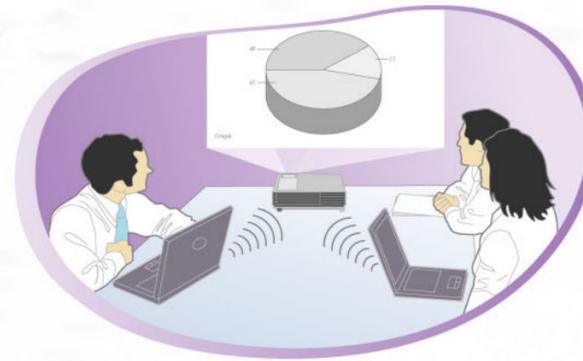
Spring Adjustable Foot

The BenQ CP120 provides a spring adjustable foot that allows you to adjust the height of the projector with one hand. The spring adjustable foot also allows a comfortable buffer space for your fingers when adjusting height.



Handy Wireless Connectivity

The BenQ CP120's built-in 802.11 a/b/g wireless technology enables users to run presentations from a notebook without hassling with cables. Moreover, the BenQ CP120's Wireless Wizard software provides an easy-to-use interface for auto connection and allows easy switching among multiple notebooks.



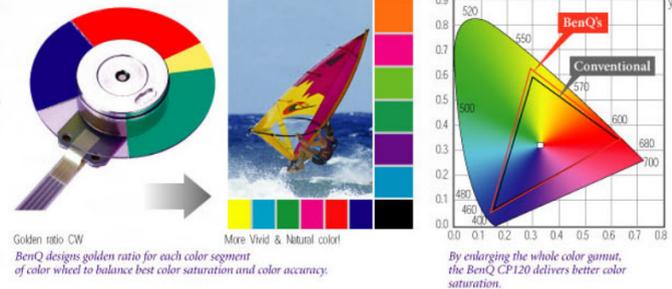
Easy Switching for Multiple Presenters

A dedicated screen on the projector shows a complete connection list and operating instructions. When a meeting has multiple presenters, the CP120 allows easy wireless switching between notebooks.

BenQ's Unique Color Matching Technology

"Why don't the colors on the projection screen match those on my notebook's screen?"

If you have ever been frustrated by this problem, the BenQ CP120 will put an end to your misery. That's because BenQ has incorporated exclusive color matching technology in the BenQ CP120 to ensure faithful color reproduction. This technology achieves greater color saturation, while enlarging the color gamut and using sophisticated gamma adjustments to more precisely reproduce the colors present in the original input image. As a result, you can enjoy the best possible viewing experience.

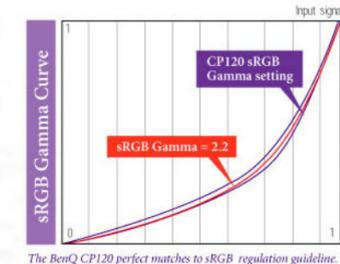


CP120 is Certified by NSTL

sRGB colors show greater consistency across different display devices.

sRGB (Standard Red, Green and Blue) was developed to ensure uniform reproduction of color coordinates regardless of the display device used.

By adhering to the sRGB standard, the color profiles of the BenQ CP120's projected images remain true to the originals.



Ease of Use

Real Time Auto Keystone

The CP120's real-time auto-keystone feature automatically checks the projector's tilting angle and corrects the projected image immediately, doing away with manual keystone adjustments.



9 Sets of Application Mode

Besides displaying presentations, the BenQ CP120 can do much more. 9 Sets of application mode provides instant optimized settings for brightness, color saturation, and contrast, ensuring the best performance in different applications such as movie viewing and gaming.

CP120 Application mode Comparison					
Input Signal	Application Mode	Application	Brightness	Color Saturation	Contrast
PC Signal Input	Brightest Mode	The Brightness is emphasized.	★★★★	★	★★★★
	Presentation Mode	Presentation-power point	★★★★	★★	★★★★
	sRGB/Photo Mode	Graphic (Autosad)	★★	★★★★	★★
	Gaming Mode	PC Game	★★★★	★★★	★★★
Video Singnal Input	Video Mode	Movie	★	★★★★	★
	Movie Mode	Colorful movie/ TV	★★	★★★★	★★
	Cinema Mode	Dark movie	★	★★★★	★
	Gaming Mode	TV Game	★★★★	★★	★★★★
	Photo Mode	Photo viewing	★★★	★★★	★★★



Application Mode Hot Key



The one-touch hot key design- Mode enables you to switch from one mode to the others without any hassle.

Thoughtfully Designed

Auto Off Function

The BenQ CP120 is smart enough to turn off automatically when no input is detected for a period of time, not only saving power but preventing possible overheating if the user forgets to turn it off.

Password Protection

The BenQ CP120 is equipped with a password protection feature that prevents unauthorized use by requiring that the correct password be entered before an input source is accepted.

Quick Cooling

The BenQ CP120's quick-cooling feature cuts the time needed for the projector to cool down after use by about two-thirds, sparing users from awkward waits after a presentation.

High Altitude Mode

The BenQ CP120's high-altitude mode takes advantage of a thermal design with four sets of cooling fans for the lamp and a DMD™ chip to ensure that the projector performs reliably even under adverse conditions, such as in high-altitude or high-temperature environments.

Front Ventilation Design

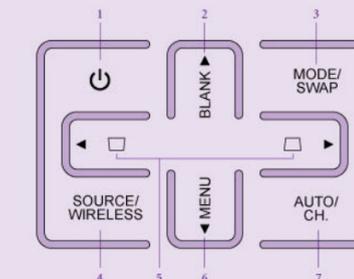
The BenQ CP120 utilizes a front ventilation design, eliminating the annoying light leakage and vented hot air that can disturb viewers behind the projector.



■ Twin Fan ■ Blower ■ Fan

Full Function Remote Control and Control Panel

- 1 Power
- 2 Blank/ Up key
- 3 Mode: 9 Sets of application mode hot key/ SWAP
- 4 Source/ Wireless menu (During wireless presentation)
- 5 Manual keystone adjustment/ Left/ Right
- 6 On-screen display menu / Down key
- 7 Auto-adjusting Image/ Wireless channel selecting key



Input/Output Terminals

- 1 USB socket
- 2 Video socket
- 3 S-video
- 4 RGB (D-Sub) (PC)/ Component (Video) (YPbPr/ YCbCr) signal input socket
- 5 IR remote sensor
- 6 PWR cord

