

## Specifications

Model Name	MP610
Native Resolution	SVGA (800x600)
Projection System	DLP™ technology by Texas Instruments*
Brightness	2000 ANSI lumens
Lamp	200W, 3000/4000 hours (Normal/Economic mode)
Contrast Ratio	2000:1
Weight	6 lbs (2.7 kg)
Audio Noise	<29/25 dB (Normal/Economic mode)
Resolution Supported	VGA(640 x 350) to SXGA(1280 x 1024)
Dimension (WxHxD)	9.37x 3.70 x 11.14 inches (238 x 94 x 283 mm)
Image Size	31" to 300"
Throw Ratio	55" @2m (55" @6.6 feet)
Zoom Ratio	Manual zoom, 1.15:1
Lens	F=2.6~2.77, f=20.4~23.5 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/Ceiling
Input Terminals	PC Analog RGB: D-sub 15 pin x1 (shared) A/V Component Video: D-sub 15 pin x1 (shared) S-Video: Mini Din 4 pin x1 Composite Video: RCA x1 Audio PC Audio: Stereo mini jack x1 (shared) Video L/R Audio: Stereo mini jack x 1(shared)
Control Terminals	USB Serial Control: USB x1, Type mini B RS232 Serial Control: RS232 8 pin MINI DIN

Output Terminals	PC Analog RGB: D-sub 15 pin x1 Audio 2 Watt Speaker x 1
Video Compatibility	NTSC/PAL/SECAM
Auto Switching Power Supply	100 to 240 VAC, 50 to 60 Hz
Power Consumption	Max., 285W
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"> <li>Brightest mode</li> <li>Presentation mode</li> <li>sRGB/Photo mode</li> <li>Gaming mode</li> <li>Video mode</li> </ul> AV Input <ul style="list-style-type: none"> <li>Photo mode</li> <li>Gaming mode</li> <li>Movie mode</li> <li>Cinema mode</li> </ul>
Functions	<ul style="list-style-type: none"> <li>Digital keystone</li> <li>Freeze</li> <li>Blank</li> <li>Auto off</li> <li>Quick cooling</li> <li>Security password</li> <li>Auto phase adjustment</li> <li>Auto source detection</li> <li>Mute</li> <li>HDTV compatible</li> <li>Macintosh® compatible</li> <li>"Mode" hot key</li> </ul>
Accessories (Standard)	<ul style="list-style-type: none"> <li>User's manual</li> <li>Quick start guide</li> <li>CD manual</li> <li>Remote control</li> <li>Battery for R/C</li> <li>Soft carry case</li> <li>VGA cable</li> <li>PWR cord</li> <li>USB cable</li> </ul>
Accessories (Optional)	<ul style="list-style-type: none"> <li>Ceiling mount kit (6KJ1B21.001)</li> <li>Lamp module (CS.5J1B.1B1)</li> <li>VGA-Component cable (5KJ8119.501)</li> <li>Remote control (5F261B.001)</li> <li>Presentation plus (65J9306.001)</li> </ul>

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\* 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)	26"~29"	39"~43"	52"~58"	65"~72"	79"~87"	131"~144"	170"~188"	262"~289"
16:9 aspect ratio, screen size (inch)	24"~27"	36"~40"	48"~53"	60"~66"	72"~80"	120"~133"	156"~172"	240"~265"

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

## Shift from life to life by BenQ MP610.

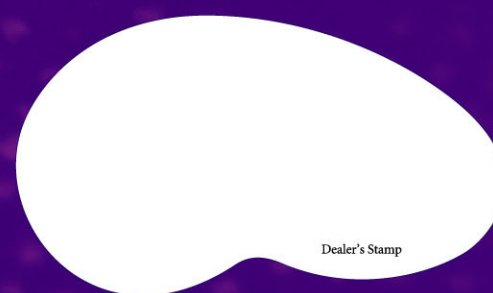


## MP610 Digital Projector



**BenQ**  
Enjoyment Matters

**BenQ**  
Enjoyment Matters



## Presents the quality vision for your work and entertainment.

BenQ MP610 provides the preface color reproduction by meeting the sRGB guideline and creates an undisturbed environment by whisper quiet operation of 25dB. Furthermore, the 9 sets of Application Mode feature offers the best image quality to fulfill your different image requirements. It just works so right to meet your business and personal entertainment needs.



## BenQ Unique Color Matching Technology

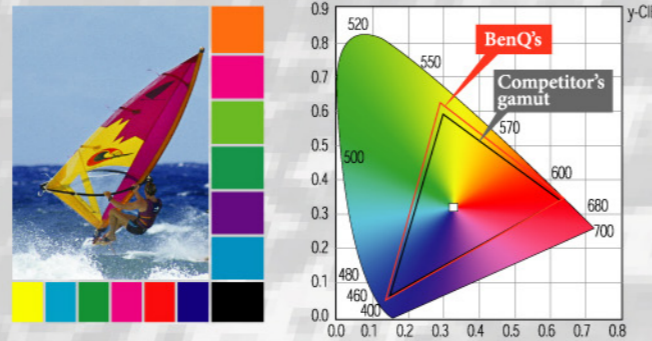
### Why the image colors on the projection screen does not match to my notebook screen?

Solved! Enjoy perfect color generation with MP610's unique color matching technology

BenQ's Color Matching Technology provides faithful image color reproduction by employing the new generation golden ratio color wheel that balances true color saturation and maximizes color accuracy; advanced 5 segments color wheel coating technology enlarges the color gamut delivering even better color saturation; and the optimized gamma adjustment ensures colors are projected honestly with the original input signal.



In other words there are no limitations when using the MP610-projected images capture rich, true-to-life spectrums for greater visual satisfaction.



BenQ Color Matching Technology balances best color saturation and color accuracy.

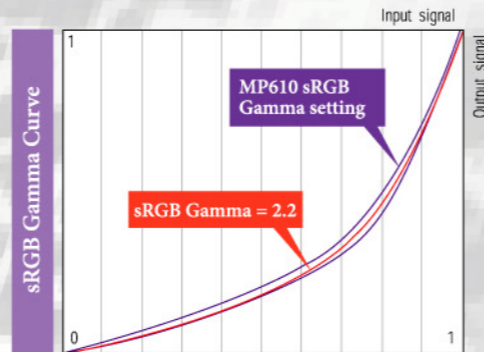
By enlarging the whole color gamut, the BenQ MP610 delivers better color saturation than competitors'.



MP610 is Certified by NSTL

### sRGB colors are always consistent among different display devices!

sRGB (standard Red, Green and Blue) was developed to ensure standard, uniform reproduction of color coordinates regardless of the display device used. By meeting sRGB guideline, color profiles of your projected images remain true-to-the original.

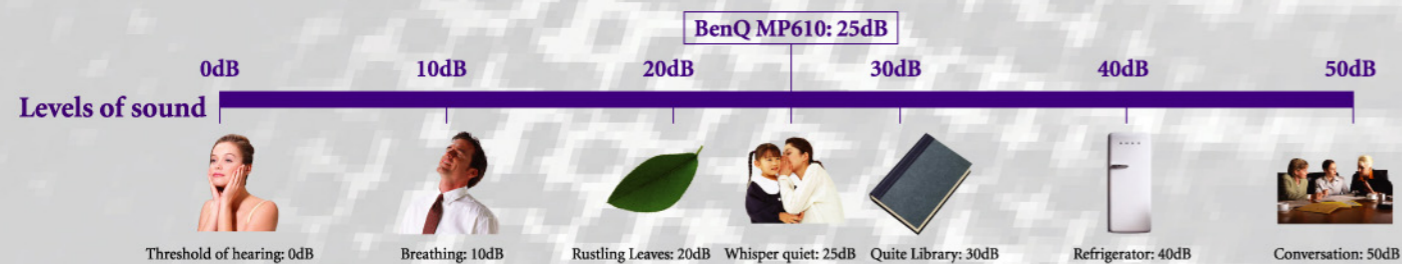


The BenQ MP610 perfect matches to sRGB regulation guideline

## Whisper Quiet Design



To ensure the whisper quiet operation, BenQ adopts special airflow design with BenQ patent to cool down the system temperature which creates a very effective sound baffle and latest color wheel mounting technique to enhance the stability. Therefore, the BenQ MP610 reduces audible noise to a low 25dB in economic mode providing an undisturbed meeting environment.



## Easy to Use

### The Best Performance for All Occasions

The BenQ MP610 builds in 9 Sets of Application Mode. By switching among 9 different application modes that allow easy customization for varies applications. Whether for presentation, movie watching or gaming, the BenQ MP610 always presents the best images to meet you needs.

MP610 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 (Autocad)	★★	★★★★	★★
	Gaming Mode	Game	★★★	★★★	★★★
	Video Mode	Movie	★	★★★★★	★
Video Singnal Input	Movie Mode	Colorful movie/ TV	★★	★★★★	★★
	Cinema Mode	Dark movie	★	★★★★★	★
	Gaming Mode	Game	★★★	★★★	★★★
	Photo Mode	Photo viewing	★★★★	★★	★★★★



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

## Friendly Design

### Auto Off

How smart a projector could be? BenQ MP610 shuts off automatically when it detects no input sources for a period of time. The unique function invented not only for power saving but for safety concerned. The Auto Off will protect the projector from over heated as forgetting to turn off the projector.

### Password Protection Function

The BenQ MP610 is equipped with the password function that works to prevent the projector from being stolen and wrong operation. This function can also restrict the operation authority to specific user. Once the password function is being activated, the projector will not project any input source without entering the correct password.

### Quick Cooling

With Quick Cooling function, users do not have to stay alone awkward in the meeting room waiting for cooling. It saves you about 2/3 of the waiting time, just quickly pack the projector and go.

### Front Ventilation Design

In order to enhance the comfort of usage, BenQ MP610 presents the Front Ventilation Design. There won't be any annoying light leakage and hot air floating to disturb the audiences behind the projector any more.

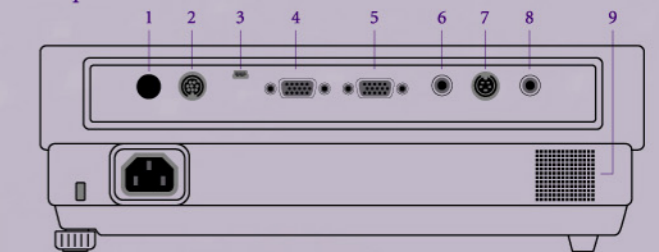
### High Altitude Mode

The BenQ MP610's High Altitude Mode is specially designed for extreme environment like high altitude or high temperature. The reliable thermal cooling system design comes with 2 sets of individual cooling fans for the lamp and DMD™ chip to make sure your projector running smoothly and stably in each harsh environment.



## Input/Output Terminals

- 1 IR remote sensor
- 2 RS232 control port
- 3 USB socket
- 4 RGB (D-Sub)(PC)/ component video (YPbPr/ YCbCr) signal input socket
- 5 RGB (D-Sub) signal output socket
- 6 Video socket
- 7 S-video
- 8 Audio socket
- 9 Speaker



## External Control Panel (Detail)

- 1 Power
- 2 Blank
- 3 Mode: Application mode hot key
- 4 Source
- 5 Auto
- 6 Lamp indicator
- 7 Temperature warning light
- 8 Power indicator light
- 9 Left
- 10 Right
- 11 Menu
- 12 Exit

