

# BenQ Digital Projector

## MP623/624 Specifications

Projection System	DLP™ technology by Texas Instruments®	
Native Resolution	XGA (1024 x 768)	
Brightness	2500 / 3000 ANSI lumens	
Contrast Ratio	2500:1 (Full on / Full off)	
Aspect Ratio	4:3 Native, 16:9 Selectable	
Color	Full 16.7 million color palette	
Lens	F= 2.4 to 2.48, f=20.7 to 22.8 mm	
Zoom Ratio	Manual Zoom, 1.10:1	
Image Size (Diagonal)	24" to 300"	
Throw Ratio	1.8 to 2.0:1	
Lamp	200W, 3000/4000 hours (normal/eco)	
Computer Compatibility	VGA (640 x 480) to SXGA (1280 x 1024)	
HDTV Compatibility	480i, 480p, 576p, 720p, 1080i, 1080p	
Video Compatibility	NTSC, PAL, SECAM	
Horizontal Frequency	31-82 kHz	
Vertical Scan Rate	48-85 Hz	
Input Terminals	PC	Analog RGB: D-sub 15 pin x 1
	A / V	Digital: HDMI x 1
		Component Video: D-sub 15 pin
		(Shared with Analog RGB Connector)
		S-Video: Mini Din 4 pin x 1
Audio	Composite Video: RCA x 1	
Output Terminal	PC	Stereo mini jack x 1
	Audio	D-sub (15 pin) X 1
Control Terminal	Serial Connector : RS232 9 pin X 1	
Dimensions(W x H x D)	9.4 x 4.18 x 9.88 inch (239 x 106.3 x 251 mm)	
Weight	5.5 lbs (2.5 kg)	
Power Supply	100 to 240 VAC, 50 to 60 Hz	

Power Consumption	Max 285W		
Audible Noise	31/26 dB (Normal/Economic mode)		
On-Screen Display Language	English/ French/ German/ Italian/ Spanish/ Russian/		
	Traditional Chinese/ Simplified Chinese/ Japanese/		
	Korean/ Swedish/ Dutch/ Turkish/ Czech/		
	Portuguese / Thai/ Polish		
Picture Modes	PC Input	A/V Input	
	Dynamic Mode	Dynamic Mode	
	Presentation Mode	Standard Mode	
	Cinema Mode	Cinema Mode	
	sRGB Mode	User 1 Mode	
	User 1 Mode	User 2 Mode	
	User 2 Mode		
Functions	· 3D Color Management	· BrilliantColor™	
	· Closed Caption	· Blank (ECO mode)	
	· Baud Rate Change	· Quick Cooling	
	· Quick Auto Search	· Auto Off	
	· Time Controller	· Security Password	
	· Presentation Timer	· High Altitude Mode	
	· Power On/Off Tone	· Mute	
	· Panel Key Lock	· HDTV Compatible	
	· Resolution Reminder	· Macintosh™ Compatible	
	· 11 sets of Picture Mode	· Wall color correction	
	· "Q?" Hot Key for FAQ	· Auto Phase Adjustment	
	· Freeze		
	Accessories (Standard)	· Quick Start Guide	· Soft carry case
		· Manual CD	· VGA Cable
· Remote control w/battery		· Power Cord	
Accessories (Optional)	· Ceiling Mounting Kit	· Spare Lamp Kit	
	· Presentation Plus		



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## The Music of Silence



## MP623/624 Projection Chart



Screen size (inch)	40	60	80	100	120	150	200	300
Screen width (cm)	81.28	121.92	162.56	203.20	243.84	304.80	406.40	609.60
Screen height (cm)	60.96	91.44	121.92	152.40	182.88	228.60	304.80	457.20
Distance with Max. zoom (cm)	148.15	222.22	296.30	370.37	444.44	555.56	740.74	1111.11
Distance with Min. zoom (cm)	162.96	244.44	325.93	407.41	488.89	611.11	814.81	1222.22

### Accessories (Optional)



Universal ceiling mount



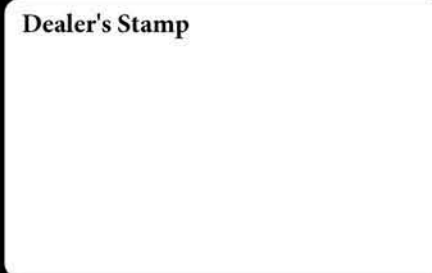
Spare lamp kit

Part Number : 5J.Y1E05.001



Presentation plus

### Dealer's Stamp



**BenQ**  
Enjoyment Matters

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MP623/624



Because it runs at a whisper-quiet 26dB, the BenQ MP623/624 offers an environment of silence as it projects our world in bright, high quality images. BenQ's Silent Engineering is the reason. It means 2,500/3,000 lumens and 16.7 million colors with only 26dB of operational noise. Silent engineering and superior visual projection. Because Enjoyment Matters.

**BenQ**  
Enjoyment Matters

## Enjoy New Horizons of Silent Operation.

True Enjoyment Happens When Your Projector Has Vivid Color, Brightness and Low-Noise Operation.

The BenQ MP623/624 delivers. Outside, it is sleek and savvy. Inside we've made advancements and refinements that cut operation noise down to a whisper. With 2,500/3,000 lumens of brightness and 16.7 million colors at your command, the MP623/624 projects crisply and quietly, so you can present with confidence.



# Enjoy New Advancements in Silent Engineering.



## Design in Every Detail

Silent Engineering means that we look everywhere for improvements. We've re-designed our color wheel for maximum absorption of noise and vibrations.

We've also added a damper fixed between the MP623/624's color wheel and bracket for added reductions in noise and vibration.



## Anti-Vibration Equals Added Quietness

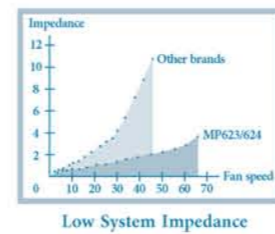
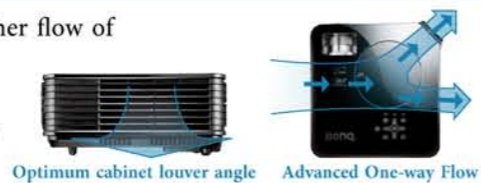
Inside, our quiet-running cooling fan also includes a noise-absorbing sponge while rubberized components dampen vibrations that can cause noise.

Outside, high elasticity rubber stops resonance with table tops in its tracks.



## Low-Obstruction Ventilation Design

We've designed for a smoother flow of air through the MP623/624. This lowers heat and allows exhaust fans to run at lower speeds for lower noise.



Focus on the presentations. Free from noises!



# Enjoy The Sleek & Savvy Design



Keypad



Lens



Right



## Enjoy Bringing Image Quality to Life.

### XGA

XGA(1024 X 768) resolution for vibrant images with precision color and detail.

### 2500/3000 ANSI lumens

A 2500/3000 ANSI lumens projection lamp ensures great viewing even in location with ambient light.

### 2500:1 High Contrast Ratio

The high 2500:1 contrast ratio means fine details and subtle colors differences are rendered vividly even in darkly lit scenes.

### BrilliantColor™

Texas Instruments' advanced on-chip BrilliantColor™ technology boosts mid-tone colors, increasing overall brightness and producing a more vibrant picture.

### 3D Color Management

3D color management lets users fine-tune the hue, saturation, and gain of primary colors to achieve the exact picture quality desired.

### Wall Color Correction

Wall color correction provides optimized viewing experience for different surfaces, such as a classroom blackboard, that might be used to display content instead of a regular projector screen.



## Enjoy BenQ's Ease of Use. This is What You Need When You Present.

### Presentation Timer

The on-screen timer will help you keep your presentations on track. And instead of wondering where you are in the presentation, your audience can stay focused on the actual content.

### Panel Key Lock

This handy feature will help you keep presentations glitch-free by preventing accidental button presses from activating the associated function.

### Quick Auto Search

The MP623/624 will automatically scan for attached video sources, sparing you the hassle of manually locating them. Just plug in the source and almost instantly your show is ready to go.

### 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.

### Closed Caption

Display subtitles in video content without the need for an external closed-captioning device. Perfect for viewing in noisy environments, language learning and other situations where a transcript of onscreen dialog is desirable. (4:3 aspect ratio only)

### Top Access Lamp Door

While most projectors make replacing the lamp an ordeal, the MP624/623 makes this maintenance task simple by putting an easily opened access door right on the top of the unit.

### HDMI 1.3

Provide superior, uncompressed digital video and audio quality.

### Multi-Function Connectors



With the MP623/624, you're ready for anything

- A Rear IR
- B RS-232
- C HDMI
- D D-sub out -PC/RGB
- E D-sub in(Component shared) -PC/RGB
- F Composite video input
- G S-Video input
- H Audio mini jack input

### Full Function Remote Control



- A Power
- B Freeze
- C Left arrow/⊖
- D Blank
- E Digital Zoom Buttons(+,-)
- F Menu/Exit
- G Up/Down arrows and Keystone
- H Auto
- I Right arrow/⊕
- J Source
- K Mode/Enter
- L Timer on
- M Timer set up