

### Worried your expensive large-screen TV is not impressing your guests?

With the new BenQ W100 home entertainment projector, it's now easy and affordable to turn your living room into a home theater and live stadium that'll entertain your family and wow your friends.



## BenQ.com

Native Resolution	854 x 480 (16:9)	Speakers	2 watt speaker x 1	Accessories (Standard)	User's manual
Projection System	DLP**	Control Terminals	Serial Connector : RS232 8 pin MINI DIN		Quick start guide
Brightness	1300 ANSI lumens	Video Compatibility	NTSC, PAL, SECAM		Manual CD
Lamp	2000W, 3000/4000 hours (Normal/Economic mode)	Auto Switching Power Supply	100 to 240 V AC, 50 to 60 Hz		Cleaning cloth
Contrast Ratio (FOFO)	2500:1	Power Consumption	Max 285W		Remote control
Weight	6 lbs (2.7kg)	On-Screen Display Language	English/ French/ German/ Italian/ Spanish Korean/ Simplified Chinese/ Traditional Chinese Japanese/ Thai/ Russian/ Swedish/ Dutch/ Polish Turkish/ Portugese/ Czech (17 languages)		Batteries for R/C
Noise Level	29/25 dB (Normal/Economic mode)	Preset Modes	A/V Input <ul style="list-style-type: none"> <li>• Home theater mode</li> <li>• Cinema mode (Default)</li> <li>• Gaming mode</li> <li>• Photo mode</li> <li>• Family room mode</li> </ul>		Video cable
Resolution Support	VGA (640 x 350) to SXGA (1280 x 1024)		PC Input <ul style="list-style-type: none"> <li>• Brightest mode</li> <li>• Presentation mode (Default)</li> <li>• Gaming mode</li> <li>• Photo mode</li> <li>• Video mode</li> </ul>		S-Video cable
Dimension (WxHxD)	9.37x 3.70 x 11.14 inches (238 x 94 x 283 mm)	Functions	HDTV compatible 10 sets of preset mode Professional AV input (DVI-I) Mode/ Aspect/ Source hotkeys Auto source detection Auto adjustment Quick cooling High altitude mode	Accessories (Optional)	Component cable
Image Size	35" to 160"				PC audio cable
Throw Ratio	53.3"@2m				Power cord
Throw Distance	Min: 1.35m; Max: 11.32m				
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	Native 16:9; (3 aspect ratio selectable)				
Horizontal Frequency	31-82 KHz				
Vertical Scan Rate	48-85 Hz				
Projection Position	Front/Rear, Table/Ceiling				
Input Terminals	Analog RGB: DVI-I x 1 Digital: DVI-I x 1 (HDCP) Component Video 1: RCA x 3 Component Video 2: RCA x 3 S-Video: Mini DIN 4 pin x 1 Composite Video: RCA x 1 PC Audio: stereo mini jack x 1				
Output Terminals	N/A				

\* 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

screen size (inch)	60"	80"	100"	120"	140"	160"
Projection Distance (m)	2.25	3	3.75	4.5*	5.25*	6

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Dealer's Stamp

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



**All for fun? Fun for all!**  
The BenQ W100, your family's recreation center.



**W100 Digital Projector**  
Home Entertainment Series



**BenQ**  
Enjoyment Matters

**BenQ**  
Enjoyment Matters

## BenQ W100 Home Entertainment Projector

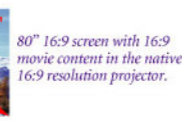
The BenQ W100's lustrous all-white housing conveys a simple elegance and perfectly complements any décor in your living space.



### True Visual Sensation: The best viewing experience

#### Native 16:9 Wide-screen Aspect Ratio

The BenQ W100 provides a native 16:9 aspect ratio without cropping or distortion, so you can enjoy a true cinema-like viewing experience right in your home.



#### HDTV Compatible

The BenQ W100 supports a wide range of digital video formats, including 480p, 576p, 720p, and 1080i, enabling it to work with many high-definition TV systems. It provides superb picture quality with natural motion, crisp details, and vibrant colors for the most realistic viewing experience.

#### 1300 ANSI Lumens - You don't have to stay in the dark

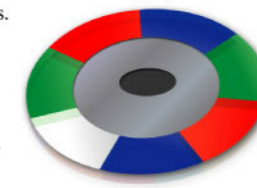
Equipped with an exclusive off-axis optical system and aspherical glass lens, the BenQ W100 is able to output 1300 ANSI lumens, making it possible to clearly view the screen and enjoy a movie without dimming the lights completely.

#### The 3D Image Projection

The BenQ W100 achieves a consistently high contrast ratio of 2500:1 that makes dark portions of the screen look darker and bright portions look brighter. Yet at the same time, there is no sacrifice in color saturation, so that image details requiring high contrast can be better displayed. That means you can scrutinize the details of a displayed object as though it were actually right there in front of your eyes.

#### Vivid True-color Reproduction- For your eyes only

Drawing on extensive consumer research and customer feedback, BenQ employs a seven-segment color wheel (RGBRGBW) and an advanced gamma adjustment technology to deliver optimum color rendering that is closer to true human visual perception.



### True Friendly Design: Easy to use, fun to watch

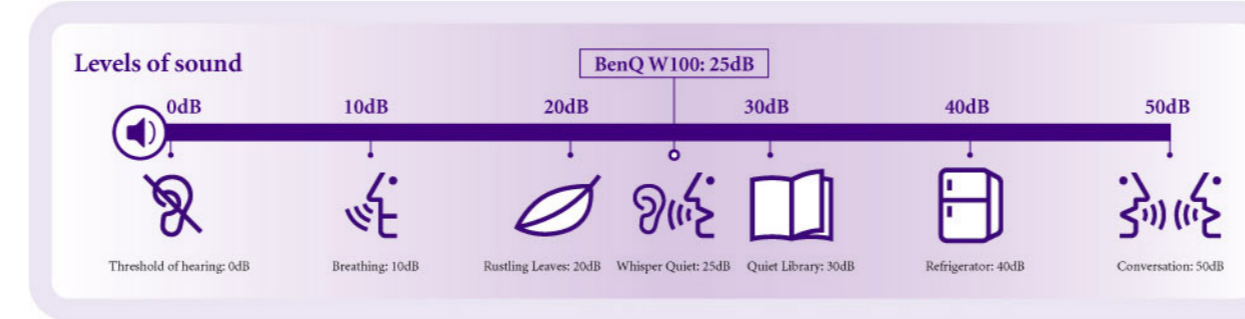
#### 10 Sets of Preset Mode - Enjoyment for all Occasions

Ten sets of preset mode means just a press of a button is enough to get a perfect picture for everything from games to DVD movies.

W100 Preset Modes Comparison					
Input Signal	Preset Mode	Application	Brightness	Color Saturation	Contrast
PC Signal Input	Brightest Mode	For viewing in brightly lit rooms	★★★★	★	★★★★
	Presentation Mode	Presentations	★★☆	★★	★★★★
	Photo Mode	Viewing digital photos in a living room	★	★★★★	★★
	Gaming Mode	Playing PC games in a bright room	★★★★	★★★★	★★★★
	Video Mode	Playing movies, video clips from camera or camcorders through PC input	★★	★★★★	★★
Video Signal Input	Cinema Mode	Viewing movies in a completely dark room	★	★★★★	★★★★
	Home Theater Mode	Viewing movies in a darkened room. (curtains closed, but some residual light)	☆☆	★★★★☆	★★★★☆
	Family Room Mode	Watching TV or animated content in a brighter room	★★★★	★★	★★
	Photo Mode	Makes photos more distinctive and sharper	★★★	★★★	★★★
	Gaming Mode	For video games	★★	★★★	★★★

#### 25dB Whisper Quiet - Silence, please

An advanced cooling system reduces noise to a level literally that of a whisper—just 25 dB—so nothing will interrupt a great movie.



#### Versatile Video Input Connectivity- Maximize the possibility of enjoyment

The BenQ W100's wide range of ports means you can watch video from nearly any source—a PC, DVD player, digital camcorder, game console, and HDTV set, among them. Two sets of component video jacks let you keep two different source devices (such as a DVD player and gaming console) attached, sparing you the hassle of attaching and detaching them. And the linear arrangement of these jacks ensures that your plugs don't get tangled up when attaching devices. Whatever the particular content you want to watch, the BenQ W100 lets you enjoy it in the best possible way.

Input & Output	Qty	Connecting devices
1 Component (RCAx6)	2 sets	DVD player, Digital TV, Set-top box, etc.
2 DVI-I (DVI-A for PC signal; DVI-I for Video signal)	1 sets	DVD player, PC, Laptop, Set-top box, etc.
3 Composite video (RCA x1)	1 sets	DVD player, Camcorder, Gaming machine
4 S-video	1 sets	DVD player, Camcorder, Gaming machine

#### Front Ventilation Design

The BenQ W100's front-mounted ventilation system eliminates the annoying light leakage and vented hot air that can disturb viewers behind the projector. You can even place the BenQ W100 on a bookshelf or against a wall without worrying about overheating.



#### Easy-to-use Remote Control

The BenQ W100's remote control lets you fine-tune picture quality, switch aspect ratios, and select video sources by simply pressing a button without the need to navigate on-screen menus. And a handy illumination feature lights up the buttons for easy access even in the dark.

- 1 Video source selector buttons
- 2 Aspect ratio buttons - Selects a format suited to the video source
- 3 Picture adjustment buttons
- 4 Keystone buttons
- 5 Light button



### True Promises: Intelligent power management

#### Up to 4,000 Long Lamp Hours

The BenQ W100 is not only a top performer in its class but provides up to 4,000 hours of long lamp life (in economic mode), making it virtually maintenance-free for years to come.

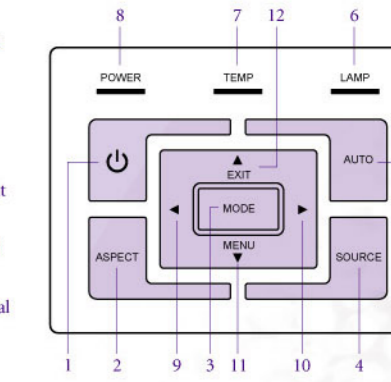
#### Reliable DLP™ Projection

The picture quality delivered by conventional LCD projectors declines rapidly and color distortions emerge after a few thousand hours of operation. The BenQ W100's DLP™ (Digital Light Processing) system overcomes the problem by utilizing a DMD (digital micro-mirror device) chip whose performance does not degrade easily over time. That means the BenQ W100 provides excellent image quality over the long term.



### External Control Panel (Detail)

- 1 Power
- 2 Aspect
- 3 Mode: Presentation mode hot key
- 4 Source
- 5 Auto
- 6 Lamp indicator light
- 7 Temperature warning light
- 8 Power indicator light
- 9 Left ◀ / Keystone (Vertical keystone -)
- 10 Right ▶ / Keystone (Vertical keystone +)
- 11 Down ▼ / Menu
- 12 UP ▲ / Exit



### Input/Output Terminals

- 1 RS232 control port
- 2 Component 1 supports YPbPr, or YCbCr video signal
- 3 Component 2 supports YPbPr, or YCbCr video signal
- 4 DVI-I socket supports DVI-D video signal and DVI-A PC signal
- 5 Video socket
- 6 S-Video socket
- 7 Audio socket
- 8 IR remote sensor
- 9 AC power cord inlet
- 10 Speaker

