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

BenQ Projectors

HOME THEATER SERIES



Senseye™ Technology

Senseye is a revolutionary technology which allows you to see the most subtle colors, as well as view live action both smoothly and flawlessly. Senseye Technology incorporates clarity optimization, motion optimization, color enhancement, and contrast enhancement to deliver the best image possible. Unleash the true potential of how the human eye sees with Senseye Technology.

Video Resolution

BenQ has the right projector for your particular viewing application. If you typically watch DVDs and play games, then the W100 would be the perfect match. The W100's native 480p resolution matches the DVD standard. This one for one resolution match allows the W100 to display sharp 480p images. For the ultimate high definition home theater experience, choose the PE7700 or PE8720. The PE7700 and PE8720 native 720p resolution displays crisp and clear HD images.

Image Size

A home theater system is not complete without a large, immersive screen. Because of various factors, microdisplays, LCD TVs, and plasma TVs are not available in large screen sizes (80" diagonal screen size or greater) at affordable prices. BenQ Home Theater projectors offer diagonal screen sizes up to 300". With screen sizes this large, you can truly recreate the 'movie going' experience at home.

Connectivity

Audio/Video equipment has a variety of outputs. BenQ Home Theater projectors support all of the following formats: Composite (Analog), S-Video (Analog), Component Video (Analog), HDMI (Digital) or DVI (Digital). With this much input flexibility, you can rest assure that BenQ's Home Theater projectors will smoothly integrate with your home theater system.

MODEL	W100	PE7700	PE8720
HOME THEATER SERIES			
GENERAL			
Net Weight	6 lbs.	12 lbs.	20 lbs.
Dimensions (HxWxD)	9.37" x 3.70" x 11.14"	15" x 4.5" x 11.8"	19" x 7.6" x 15.4"
Warranty	1 year	3 year	3 year
MSRP	\$1,199	\$2,499	\$6,999
IMAGE QUALITY			
Native Resolution	854 x 480 (16:9)	1280 x 720 (16:9)	1280 x 720 (16:9)
Brightness	1300 ANSI Lumens	1100 ANSI Lumens	1000 ANSI Lumens
Contrast Ratio	2500:1	2500:1	10,000:1
Display Technology	DLP™ by Texas Instruments	DLP™ by Texas Instruments	DLP™ by Texas Instruments
Aspect Ratio (Screen Selectable)	Native 16:9 (3 ratio selectable)	Native 16:9 (5 ratio selectable)	Native 16:9 (5 ratio selectable)
Senseye	no	yes	yes
OPTICS			
Image Size	35" to 160"	37" to 300"	23.5" to 300"
Throw Ratio	53.3" @ 6.6 feet	100" @ 9.8 feet	100" @ 13.12 feet
Zoom Ratio	Manual Zoom, 1.15:1	Manual Zoom, 1.37:1	Motorized Zoom, 1.35:1
Digital Keystone	Digital Keystone	Digital Keystone	Digital Keystone
Lamp (Normal/Econ.)	200W, 3000/4000 Hrs.	250W, 2000/3000 Hrs.	250W, 2000/3000 Hrs.
COMPATIBILITY			
PC Resolution Support	640x350 to 1280x1024	640x400 to 1024x768	640x400 to 1024x768
Video Compatibility	NTSC / HDTV	NTSC / HDTV	NTSC / HDTV
Hor. Frequency	31-82 kHz	15-75 kHz	15-75 kHz
Ver. Scan Rate	48-85 Hz	50-100 Hz	50-100 Hz
CONNECTIVITY			
Input Terminals (PC)	DVI-I	BNC	BNC
Input Terminals (AV)	DVI-I, RCAx2(Component), S-Video, Composite	HDMI, RCA(Component), BNC, S-Video, Composite	HDMI, RCA(Component), BNC, S-Video, Composite
OPERATION			
Audible Noise (Normal/Econ.)	29/25 dB	29/26 dB	25/23 dB
PIP (Picture in Picture)	no	PIP & POP	PIP & POP
Speaker	2W	n/a	n/a
Remote Control	yes	yes	yes
Functions	Quick Cooling, High Altitude Mode	Independent Color Adj., 5 Color Temp. Setting	Faroudja® DCDi, Power Lens Shift

BenQ America Corp. 53 Discovery, Irvine, CA 92618, Phone: (866) 700-2367, Email: ProdlInfo.us@BenQ.com

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