

# Digital Projector

**PalmPro Series**  
**PB7100/PB7200/  
PB7220**



## BenQ PB7100/PB7200/PB7220 DLP™ Projector

With powerful features and proprietary video-processing technologies, the BenQ PB7220 digital projector offers exceptional versatility and performance and is among the brightest in terms of ANSI lumens in the five-pound category. At 2,500 ANSI lumens and ultra-high 2000:1 contrast ratio, the BenQ PB7220 provides high-quality functions and features needed to operate in today's multi-faceted and multi-functional surroundings.

The BenQ PB7220 provides true XGA resolution at 1024 x 768, and is HDTV-compatible with direct YPbPr/component, S-Video and composite video inputs, as well as RS232 control port and two PC inputs. The PB7220 is supported with the latest DLP™ DDR chip set from Texas Instruments, that allows it to consistently produce flawless pictures and maintain its original clarity for true reliability.

### Key Features

- TI DLP™ projection system
- True SVGA/XGA resolution
- 1,800/2,200/2,500 ANSI Lumens
- 2000:1 contrast ratio
- 60" @ 6.6' Wide-angle lens\* (PB7200 & PB7220)
- 22" to 300" image size\* (PB7200 & PB7220)
- 34dB Whisper Quiet
- Intelligent remote control
- HDTV compatible (YPbPr)
- DCMS (Dynamic Color Management System)
- PB7100 48" @ 6.6' with 17" to 235" image size

### Specifications

Model Name	PB7100/PB7200/PB7220
Projector system	DLP™ Technology by Texas Instruments
Panel	0.5570.770.7" 12" DDR DMD™ x 1
Native Resolution	SVGA (800x600)/XGA(1024x768)/XGA(1024x768)
Resolution Supported	640x350 to 1280x1024
Brightness	1800/2200/2500 ANSI lumens
Image Size	17" to 235"722" to 300"722" to 300"
Throw Ratio	48" @ 6.6760" @ 6.6760" @ 6.6'
Zoom Ratio	1:1.2
Projection Distance	2.6' - 32.8'
Lens	Manual Zoom, F=2.6 to 3.1 ,F=23 to 27.6mm
Uniformity	85%
Contrast Ratio	2000:1
Color	Full 16.7 million color palette
Aspect Ratio	4:3/16:9 screen selectable
Horizontal Frequency	20 - 88 kHz
Vertical Scan Rate	20- 100 Hz
Projection Position	Front/Rear. Table/Ceiling
Lamp	250W UHP 2000 hours lamp life
Audible Noise	<34dB
Input Terminals	RGB: Analog-D-sub 15 pin x 2 S-Video: Mim-DIN 4 pin x 1 Composite-Video RS232 Control Port x 1 USB Mouse Control x 1 Audio: mini jack x 1
Output Terminals	2 Watt Speaker x 1
Video Compatible	NTSC/PAL/SECAM/HDTV(480p, 720p, 1080i)
Body Material	Magnesium Alloy
Body Color	Silver
Dimensions	10 16" x 3 15" x 8 31" (Wx H x D)
Weight	5 6 lbs
Power Supply	100 to 240 VAC. 50 to 60 Hz
Power Consumption	360W (Max)
OSD (On-Screen Display) languages	English/French/German/Italian/Spanish/ Traditional Chinese/Simplified Chinese/Korean
Functions	Digital Keystone, Auto. Freeze, Digital Zoom, Blank, Volume, P-Scan, Mute, Source Detection, Laser Pointer. Video Mode, PIP(Picture in Picture), Wireless Mouse
Accessories (Standard)	User's Guide, Quick start card. Remote Control, AAA Batteries. 3:2 Power Plug Adapter, VGA Cable. Soft Carrying Case, PWR Cord-US, PWR Cord-UK, PWR Cord-US, PWR Cord-Pan Europe, Video cable. S-Video Cable, PC-PC Audio Cable. RCA-PC Audio cable, HDTV Cable (PC to RCA jack x 3)
Accessories (Optional)	Mac Adapter. Ceiling Mounting Kit



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