

# Digital Projector

## PE7800



### PE7800 Digital Projector Cinema Quality in the Comfort of your Home

Armed with the Matterhorn DLP™ chipset, the BenQ PE7800 is a perfect fit for today's demanding home theater owner. Designed around the Matterhorn DLP™ chipset, this masterpiece can uniformly reproduce the brightest image under a wide range of lighting conditions. At a native 16:9 resolution, the PE7800 projects its images in true cinematic proportions. With a 2000:1 contrast ratio and black levels, the PE7800 delivers lifelike color reproduction in almost any room.

Project the brilliance of the BenQ PE7800 into your home, and let our family entertain yours.

#### Key Features

- TI DLP™ Matterhorn Chip set
- Native 16:9 resolution (1024x576 W Pal)
- True Video Reproduction & Performance (300 Hz Refresh Rate)
- 800 ANSI Lumens
- 2000:1 Contrast Ratio for crisp blacks and detailed gray scale
- EDTV, SDTV, HDTV Compatible (480i/p, 576i/p, 720p, 1080i)
- 32 dB whisper quiet
- PIP/POP Function

#### Specifications

Model Name	PE7800
Projector system	DLP™ Technology by Texas Instruments
Panel	0.64" 12° DMD™ x 1 (Matterhorn W-Pal)
Native Resolution	1024 x 576 (16:9)
Resolution Supported	Up to 1280x1024
Brightness	800 ANSI lumens
Image Size	40" to 260"
Throw Ratio	80" @ 9.8'
Zoom Ratio	1.2x
Projection Distance	4.9 ~ 32.8 feet
Lens	Manual Zoom, F=2.8~3.42, F=24.25~29.62mm
Contrast Ratio	2,000:1
Color	Full 16.7 million color palette
Aspect Ratio	Native 16:9, 4:3 selectable
Horizontal Frequency	15 ~ 80 kHz
Vertical Scan Rate	50 ~ 100 Hz
Projection Position	Front/Rear, Table/Ceiling
Lamp	210W NSH, 2000 hours lamp life
Audible Noise	<32dB
Input Terminals	S-Video: Mini-din 4 pin x 1 Composite Video: RCA x 1 Component (YCbCr): RCA x 3 Progressive Component (YPbPr)/RGBHV:BNC x 5 RGB: DVI-I/HDCP RS232 Control Port: Telephone Jack x 1
Output Terminal	12 Volt Trigger
Video Compatible	NTSC/PAL/SECAM/NTSC 4.43
Dimensions	15.75" x 4.72" x 11.10 (W x H x D)
Weight	17 lbs
Power Supply	100 to 240 VAC, 50 to 60 Hz
Power Consumption	310W (Max)
OSD (On-Screen Display) languages	English/French/German/Italian/Spanish/Russian/ Traditional Chinese/Simplified Chinese/Korean
Functions	Digital Keystone P-Scan 3-2 Pull Down Recovery 4 Independent Color Adjustment 21 Set User-Define Memory Video Filters PIP/POP Function EDTV, SDTV, HDTV Compatible (480i/p, 576i/p, 720p, 1080i)
Accessories (Standard)	User's Manual, User's Manual CD Remote Control Composite Video Cable S-Video Cable Component (YCbCr/YPbPr) Cable AAA Batteries Power Cord - (UK, US, Pan-Europe) RCA & BNC Converter x 3 DVI-D/DVI-D Signal Cable 12V DV Plug Power Cord (UK/US/Pan-Europe) Warranty Information Booklet D-Sub/DVI Cable D-Sub/BNC Cable
Accessories (Optional)	Ceiling Mounting Kit Lamp Module



For more information visit [www.BenQ.com](http://www.BenQ.com) or call (866) 700-2367  
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