



# HOME THEATER

## BenQ PE8700 Projector

### Product Specs



Model Name:	PE8700
Projection system:	DLP™ Technology by Texas Instruments
Panel:	0.8" 12 <sup>0</sup> HD2 DMD™ x 1 (Mustang)
Native Resolution:	1280 x 720
Native Aspect Ratio:	16:9 / 4.3 Selectable
Brightness:	1000 ANSI Lumens
Contrast Ratio:	2000:1, Full On/Off
Image Size:	31" to 250"
Throw Ratio:	50"@ 6.6'
Zoom Ratio:	1:1.2
Projection Distance:	3.3' to 32.8'
Lens Manual Zoom:	F=2.8 to 3.42f=24.25mm to 29.62mm
Uniformity:	90%
Color Wheel:	6 Segment, 5x speed proprietary anti-vibration design
Color Refresh Rate:	300Hz
Signal Processing:	10bit; proprietary Gamma correction
Optical Engine:	Completely sealed with color wheel and motor
Color:	Full 16.7 million color palette
Horizontal Frequency:	20 ~ 88 kHz
Vertical Scan Rate:	20 ~ 100 Hz
Projection Position:	Front or Rear, Table or Ceiling
Lamp:	210W VIP, 2000 hrs. life
Lamp Replacement:	Front
Audible Noise:	<30dB
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/HDCP
Output Terminals:	RS232 Control Port 12V Trigger: RJ11
Video Standards:	NTSC; PAL; SECAM; NTSC 4.43
Dimensions (W x H x D):	15.75" x 4.72" x 11.10"
Weight:	17 lbs
Power Supply:	100 to 240 VAC, 50 to 60 Hz
Power Consumption:	310W (Max.)
Control Functions:	Digital Keystone ± 15°; P-Scan; 3:2 Pull Down Recovery; 4 Independent Color Adjustments - R,G,B,Y Test Pattern Five Aspect ratios 6 Video Memories; Source Detection; Video Filters; PIP/POP

### HIGHLIGHTS

- TI DLP™ HD2 Mustang Chip Set
- 16:9 Native Aspect Ratio
- 1280 x 720 Native Resolution
- 480i/p, 720p & 1080i Native
- 2000:1 Contrast Ratio
- Five Aspect Ratios
- Warranty - 3 yrs. Parts+Labor & 1yr. Xpress Xchange
- 1000 ANSI Lumens
- 300 Hz Refresh Rate
- 6-Segment Color Wheel
- 3:2 Pull Down Recovery
- Whisper Quite with Less than 30dB
- PIP / POP