



# EP721 EP727/EP728

Digital DLP® Projector

## A Compact Powerhouse!



There's no reason why educators and presenters on a tight budget cannot have a quality presentation projector. Under its sleek black chassis, the EP721/EP727/EP728 is an accomplished multitasker offering 2200 or /2600 ANSI lumens in a tiny 2kg package.

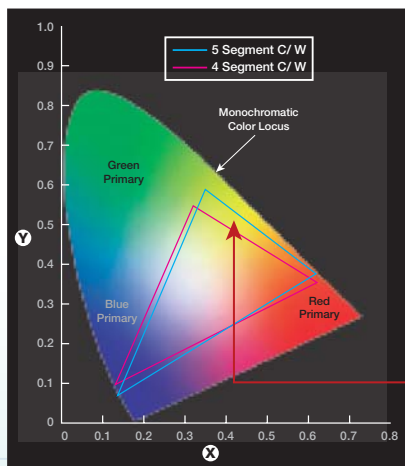
Due to its compact design, EP721/EP727/EP728 are definitely an ultra portable projectors for transportation the easiest way available in the price range.

- Texas Instruments DLP® Technology
- Optoma proprietary TrueVivid™ technology
- Built-in professional video processor with advanced motion adaptive de-interlacing
- HDTV compatible up to 1080i
- PC support up to UXGA
- DVI-I input with HDCP (support HDMI input)
- AV mute direct key and key pad lock function
- Direct power on and quick power off
- High altitude mode
- ± 40 degrees vertical keystone correction
- Full featured remote control (remote mouse / laser pointer)

# EP721 / EP723 / EP727 / EP728 - Digital DLP® Projector



Optoma proprietary TrueVivid™ technology affords better balanced chrominance and luminance for life-like colors, giving the viewer the ultimate visual experience.



Bright and vivid colors

Specification	EP721	EP727	EP728
<b>Display Technology</b>	TI DLP® Technology / 0.55" DMD Chip		
<b>Native Resolution</b>	SVGA (800x600)	XGA (1024x768)	
<b>Compressed Resolution</b>	Up to UXGA (1600x1200), 60Hz		
<b>Brightness</b>	2200 ANSI Lumens	2600 ANSI Lumens	2600 ANSI Lumens
<b>Contrast Ratio</b>	2000:1	2200:1	2200:1
<b>Displayable Colors</b>	134.2 million colors		
<b>Projection Lens</b>	F# 2.41 ~ 2.55, f = 21.8 ~ 23.4mm; 1.1X Manual Zoom /Focus Lens		
<b>Projection Image Size</b>	27.47 ~ 302.85 inches		
<b>Projection Distance</b>	1.2 ~ 12 meters		
<b>Throw Ratio</b>	1.95 ~ 2.15:1 (distance/screen width)		
<b>Keystone Correction</b>	± 40° (vertical)		
<b>Aspect Ratio</b>	4:3 Native, 16:9 Compatible		
<b>Scan Rate</b>	Horizontal: 15 ~ 100KHz; Vertical: 43 ~ 85 Hz		
<b>PC Compatibility</b>	VGA - UXGA Compression, VESA standards, PC & Macintosh compatible		
<b>Video Compatibility</b>	HDTV (720p, 1080i/p), SDTV (480i/p, 576i/p) Full NTSC, PAL M/N SECAM		
<b>Input / Output Connections</b>	One DVI-I(PC VGA/YPbPr/RGB/DVI-D with HDCP), One VGA(YPbPr/RGB/SCART), One S-Video, One RCA for Composite (through adapter), One Stereo Audio input, One USB Port (For wireless mouse/service), One RS-232 interface One VGA output for monitor loop through, IR receiver x 2 (Front & Top)		
<b>Uniformity</b>	85 %		
<b>Lamp Type</b>	180 watt	180 watt	200 watt
<b>Estimated Lamp Life</b>	3000hrs (STD) 2000hrs (Bright)	3000hrs (STD) 2000hrs (Bright)	4000hrs (STD) 3000hrs (Bright)
<b>Speaker</b>	1W speaker		
<b>Power Supply</b>	AC input 100 ~ 240V; 50/60 Hz		
<b>Weight</b>	2.0kg		
<b>Operational Noise</b>	30dB (STD mode)	30dB (STD mode)	31dB (STD mode)
<b>Dimensions (WxDxH)</b>	259mm x 188mm x 73mm		

Projection Distance (meter) / Image Size (diagonal inch)		
Projection Distance	Maximum Image	Minimum Image
1.5	37.9	34.3
2.0	50.5	45.8
2.5	63.1	57.2
3.0	75.7	68.7
4.0	101.0	91.6
5.0	126.2	114.5
6.0	151.4	137.3
7.0	176.7	160.2
8.0	201.9	183.1
9.0	227.1	206.0

For guide purposes only

## I / O Ports



- |                 |            |
|-----------------|------------|
| 1 VGA Out       | 5 Audio In |
| 2 VGA In        | 6 RS232    |
| 3 DVI-I / VGA 2 | 7 USB      |
| 4 S-Video       |            |

Available from:

[www.ambertech.com.au](http://www.ambertech.com.au)

All Specifications are subject to change without notice.  
© 2007, Optoma Corporation. DLP® and the DLP® medallion are trademarks of Texas Instruments. All other names mentioned herein are property of their respective owners.