



EP721/EP723 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/EP723/EP727/EP728 is an accomplished multitasker with 2200/2600 ANSI lumens in a tiny 2kg package.

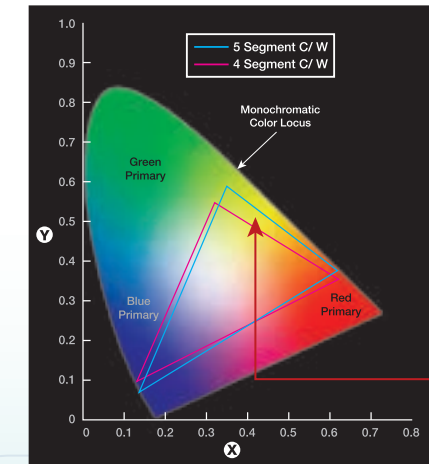
Due to its super compact design, EP721/EP723/EP727/EP728 is definitely an ultra portable projector for transportation in an easy way.

- 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™ color enhancement technology affords better balanced chrominance and luminance for life-like colors giving the viewer the ultimate visual experience.



Bright and vivid colors

Specification	EP721	EP723	EP727	EP728
Display Technology	TI DLP® Technology / 0.55" DMD Chip		TI DLP® Technology / 0.55" DC2 Chip	
Native Resolution	SVGA (800x600)		XGA (1024x768)	
Compressed Resolution	Up to UXGA (1600x1200), 60Hz			
Brightness	2200 ANSI Lumens	2600 ANSI Lumens	2200 ANSI Lumens	2600 ANSI Lumens
Contrast Ratio	2000:1	2000:1	2200:1	2200:1
Displayable Colors	134.2 million colors			
Projection Lens	F# 2.41 ~ 2.55, f = 21.79 ~ 23.99 mm; 1.1X Manual Zoom /Focus Lens			
Projection Image Size	27.47 ~ 302.85 inches			
Projection Distance	1.2 ~ 12 meters			
Throw Ratio	1.95 ~ 2.15:1 (distance/screen width)			
Keystone Correction	± 40° (vertical)			
Aspect Ratio	4:3 Native, 16:9 Compatible			
Scan Rate	Horizontal: 15 ~ 100KHz; Vertical: 43 ~ 85 Hz			
PC Compatibility	VGA - UXGA Compression, VESA standards, PC & Macintosh compatible			
Video Compatibility	HDTV (720p, 1080i/p), SDTV (480i/p, 576i/p) Full NTSC, PAL, M/N, SECAM			
Input / Output Connections	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 output, IR receiver x 2 (Front & Top)			
Uniformity	85 %			
Lamp Type	180 watt	200 watt	180 watt	200 watt
Estimated Lamp Life	3000hrs (STD) 2000hrs (Bright)	4000hrs (STD) 3000hrs (Bright)	3000hrs (STD) 2000hrs (Bright)	4000hrs (STD) 3000hrs (Bright)
Speaker	1W speaker			
Power Supply	AC input 100 ~ 240V; 50/60 Hz			
Weight	2.0kg/4.41lbs			
Operational Noise	30dB (STD mode)	31dB (STD mode)	30dB (STD mode)	31dB (STD mode)
Dimensions (WxDxH)	259mm x 188mm x 73mm			

Available from:

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 (Remote Mouse) |
| 4 S-Video | |

www.optoma.com

All Specifications are subject to change without notice.
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