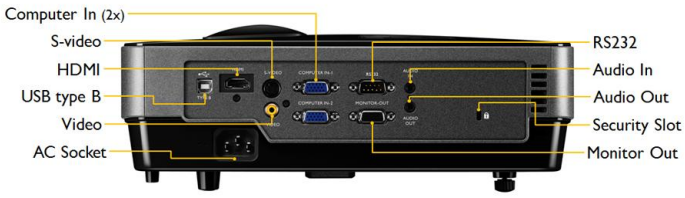
BenQ MS513

Digital Projector



Display Technology	DLP® by Texas Instruments®	
Native Resolution	SVGA (800 x 600)	
Resolution Supported	VGA (640 x 480) to UXGA (1600 x 1200)	
Brightness	2700 ANSI Lumens	
Contrast Ratio	10,000:1 (Full on / Full off)	
Image Size	30" to 300"	
Throw Ratio	1.97 to 2.17 (50" @ 2 meter)	
Zoom Ratio	Manual Zoom, 1.10:1	
Projection Offset	120% ±5%	
Keystone correction	1D, vertical +/- 40 degrees	
Lens	F = 2.51 ~ 2.69, f = 21.95 ~ 24.18 mm	
Lamp Life*	190W, 4500 / 6000 / 6500 hours (Normal / Economic / SmartEco mode)	
Lamp Warranty	12 months or 2,000 cumulative hours whichever comes first	
Operational Noise	29 / 27 dB (Normal / Economic mode)	
Displayable Colours	Full 1.07 billion color palette	
Aspect Ratio	4:3 Native, 5 aspect ratio selectable	
Horizontal Frequency	31 ~ 90 kHz	
Vertical Scan Rate	50 ~ 120 Hz	
Interface	Computer in (D-sub 15pin) x 2 (shared with Component) Monitor out (D-sub 15pin) x 1 HDMI v1.3 x1 Composite Video in (RCA) x 1 S-Video in (Mini DIN 4pin) x 1	Audio in (Mini Jack) x 1 Audio out (Mini Jack) x 1 Speaker 2W x 1 USB (Type B) x 1 (Download & Page up/down) RS232 (DB-9pin) x 1
Compatibility	Video Compatibility: NTSC / PAL / SECAM HDTV Compatibility: 480i / 480p / 576i / 576p / 720p / 1080i / 1080p 3D Compatibility: PC: 120Hz Frame Sequential 3D for resolutions up to WXGA PC: 60Hz Top-bottom 3D for resolutions up to SXGA+ Video: 60Hz Frame Sequential 3D for resolutions up to 480i	
Dimensions (HxWxD)	124 x 302 x 232.7 mm	
Weight	Net weight: 2.5 kg. | Gross weight: 3.5 kg.	
Auto Switching Power Supply	100 to 240 VAC, 50/60 Hz	
Power consumption	Normal mode: 245W, Standby < 1W SmartEco mode: 120W (will vary depending on the projected content)	
On Screen Display Languages	Arabic / Bulgarian / Croatian / Czech / Danish / Dutch / English / Finnish / French / German / Greek / Hindi / Hungarian / Indonesian / Italian / Japanese / Korean / Norwegian / Polish / Portuguese / Romanian / Russian / Simplified Chinese / Spanish / Swedish / Thai / Traditional Chinese / Turkish (28 Languages)	
Application Modes	Dynamic / sRGB / Presentation / Cinema / User 1 / User 2	
Functions	SmartEco BrilliantColor™ Closed Captioning 3D Color Management Digital Zoom (x2) HDTV Compatible Windows 7 Certified High Altitude Mode	Instant Restart Quick Auto Search Wall Color Correction Freeze + blank Auto Off Security Password Security Bar + K-locker slot Presentation Timer
Accessories Included	Quick Start Guide Manual CD Remote Control w/battery	VGA Cable Power Cord
Accessories Optional	Presentation Plus RS232 Cable 3D Glasses	Spare Lamp Kit Ceiling mount Soft Carry Case

** Lamp life results will vary depending on environmental conditions and usage.*

All specifications are subject to change without notice. Available models (specs inc.) may vary from different regions.

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