

MULTIMEDIA  
PROJECTOR

# MS510



## Features

- Native SVGA (800 x 600) Resolution
- 2700 ANSI Lumens, 4000:1 Contrast Ratio
- Long Lamp Life, HDMI x1, 3D-Ready
- Closed Captioning, Digital Zoom 2x
- Quick Cooling, Variable Audio Out

## Front-Right / Left View



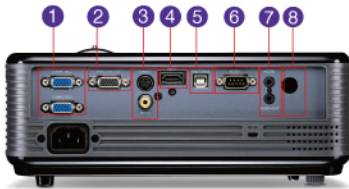
Front-Right



Front-Left

## Input and Output Terminals

Back



- |                       |                 |
|-----------------------|-----------------|
| 1 RGB In/Component x2 | 5 USB Type B x1 |
| 2 RGB Output x1       | 6 RS-232 x1     |
| 3 S-Video / Video     | 7 Audio In/Out  |
| 4 HDMI x1             | 8 IR            |

## Specifications

Native Resolution	SVGA (800 X 600)
Brightness	2700 ANSI Lumens
Contrast Ratio	4000:1 (Full on/Full off)
Keystone	Manual Vertical +/- 40 Degree
Aspect Ratio	4:3 Native, 16:9 Selectable
Color	Full 1.07 Billion colors palette
Lens	F = 2.51 to 2.69, f=21.95~24.18mm
Zoom Ratio	Manual Zoom, 1.10:1
Image Size (Diagonal)	23" - 300"
Throw Ratio	1.97 - 2.17 (50" @ 6.5 feet)
Lamp Life	190W, 4500/6000 hours (Normal/Eco-Mode)
PC Compatibility	VGA (640 x 480) to UXGA (1600 x 1200)
HDTV Compatibility	480i, 480p, 576i, 576p, 720p, 1080i, 1080p
Video Compatibility	NTSC, PAL, SECAM
Horizontal Frequency	31-90 kHz
Vertical Scan Rate	50-120 Hz
Input Terminals PC/AV	Analog RGB/Component: D-Sub 15 Pin x2 HDMI (v1.3) x1 S-Video: Mini Din 4 Pin x1 Composite Video: RCA x1 Stereo Mini-Jack x1
Output Terminals PC/AV	Analog RGB: D-Sub 15 Pin x1 Variable Audio Out: Stereo Mini-Jack x1 Speaker: 2W Speaker x1
Control Terminals	RS-232 9 Pin x1 (Male) USB Connector: USB Type B x1 (Page Up/Down)
Dimensions (W x H x D)	10.4" x 3.9" x 8.3"
Weight	5.1 lbs (2.3 kg)
Power Supply	100 to 240 VAC, 50/60 Hz
Power Consumption	260W (Max), Standby <1W
Noise Level	27/25 dBA (Normal/Eco-Mode)
Display Languages	Bulgarian/Croatian/Czech/Danish/Dutch/English/Finnish/ French/German/Hungarian/Italian/Japanese/Korean/ Norwegian/Polish/Romanian/Russian/Simplified Chinese/ Spanish/Swedish/Turkish/Thai/Traditional Chinese
Picture Mode	Dynamic Mode/Presentation Mode/sRGB Mode/Cinema Mode/ User 1 Mode/ User 2 Mode
Functions	3D-Ready/Panel Key Lock/"Q" Hot Key for FAQ/Security Password/Quick Cooling/Digital Zoom 2x/Quick Auto Search/ High Altitude Mode/Closed Captioning/3D Color Management/ Variable Audio Out
Accessories (Standard)	Quick Start Guide/User Manual (CD)/Remote Control/Power Cord/VGA Cable
Accessories (Optional)	Presentation Plus/Spare Lamp Kit/Carrying Case
Lamp P/N	5J.J3S05.001
Limited Warranty	1-Year Part & Labor/ 180 Days or 500 hours of lamp life

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