

## Key Features

- 3rd generation laser phosphor technology with up to a 30,000-hour lifespan
- 5,500 ANSI Lumens offering bright images in any environment
- Up to a 300" ultra-large screen with a lower cost-per-inch
- Centralized LAN control for efficient management
- Installation flexibility: 1.3x optical zoom, H/V keystone, 360° projection, and portrait mode



## Product Description

The LSD500HD is part of ViewSonic's Luminous Superior Series, a lamp-free projector lineup designed for corporate and commercial environments. This DLP projector uses 3rd generation laser phosphor technology, delivering a brightness of 5,500 ANSI Lumens for up to 30,000 hours. It can project up to a 300" ultra-large screen in 1080p Full HD resolution with high native contrast. Its comprehensive LAN control enables centralized management, making it ideal for boardrooms, public, and sports simulation spaces. Its lamp-free design offers an eco-friendly and cost-effective solution with less power consumption, while its lightweight and compact build reduces transportation costs. This projector offers flexible setup, equipped with features like a 1.3x optical zoom, H/V keystone, and 360° projection capabilities, possibilities.



- |                             |                  |
|-----------------------------|------------------|
| 1. Front IR                 | 8. Audio Out     |
| 2. Lens                     | 9. DC in         |
| 3. Focus Ring               | 10. Zoom Ring    |
| 4. HDMI 2.0b/HDCP 2.2       | 11. Power Button |
| 5. RJ45                     | 12. Keypad       |
| 6. RS232                    | 13. Top IR       |
| 7. USB-A (5V/1.5A, Service) |                  |

## SPECIFICATION

|                                               |                                                      |
|-----------------------------------------------|------------------------------------------------------|
| Projection System:                            | 0.65" 1080P                                          |
| Native Resolution:                            | 1920x1080                                            |
| Brightness:                                   | 5500 (ANSI Lumens)                                   |
| Brightness (Center Lumens):                   | 6000                                                 |
| Contrast Ratio:                               | 3500000:1                                            |
| Display Color:                                | 1.07 Billion Colors                                  |
| Light Source Type:                            | Laser Phosphor                                       |
| Light Source Life (hours) with Normal Mode:   | 20000                                                |
| Light Source Life (hours) with SuperEco Mode: | 30000 (Eco)                                          |
| Lens:                                         | F=2.43-2.78,<br>f=16.90-21.61mm                      |
| Projection Offset:                            | 132%+/-10%                                           |
| Throw Ratio:                                  | 1.13-1.47                                            |
| Optical Zoom:                                 | 1.3X                                                 |
| Digital Zoom:                                 | 0.8x-2.0x                                            |
| Image Size:                                   | 30"-300"                                             |
| Throw Distance:                               | 0.75-9.76m<br>(100"@2.50m)                           |
| Keystone:                                     | H: +/-30° , V: +/-30°                                |
| Audible Noise (Normal):                       | 32dB                                                 |
| Audible Noise (Eco):                          | 27dB                                                 |
| Input Lag:                                    | 16.8ms                                               |
| Resolution Support:                           | VGA(640 x 480) to 4K<br>UHD(3840 x 2160)             |
| HDTV Compatibility:                           | 480i, 480p, 576i, 576p,<br>720p, 1080i, 1080p, 2160p |
| Horizontal Frequency:                         | 15K-135KHz                                           |
| Vertical Scan Rate:                           | 24-120Hz                                             |

## INPUT

|       |                           |
|-------|---------------------------|
| HDMI: | 2<br>(HDMI 2.0, HDCP 2.2) |
|-------|---------------------------|

## OUTPUT

|                     |             |
|---------------------|-------------|
| Audio-out (3.5mm):  | 1           |
| Speaker:            | 15W         |
| USB Type A (Power): | 1 (5V/1.5A) |

## CONTROL

|                        |                                |
|------------------------|--------------------------------|
| RS232 (DB 9-pin male): | 1                              |
| RJ45 (LAN control):    | 1                              |
| USB Type A (Services): | 1<br>(share with USB A Output) |

## OTHERS

|                                          |                                                                                                                                                                                                                                                                 |
|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Power Supply Voltage:                    | Power adaptor:<br>Input: 100~240V<br>Output: 19.5VDC / 11.79A                                                                                                                                                                                                   |
| Power Consumption:                       | Normal: 165W<br>Standby: <0.5W                                                                                                                                                                                                                                  |
| Operating Temperature:                   | 0~40°C                                                                                                                                                                                                                                                          |
| Carton:                                  | Brown                                                                                                                                                                                                                                                           |
| Net Weight:                              | 2.90kg                                                                                                                                                                                                                                                          |
| Gross Weight:                            | 4.60kg                                                                                                                                                                                                                                                          |
| Dimensions (WxDxH) with Adjustment Foot: | 286x216x129mm                                                                                                                                                                                                                                                   |
| Packing Dimensions:                      | 400x280x155mm                                                                                                                                                                                                                                                   |
| OSD Language:                            | English, French, Spanish,<br>Thai, Korean, German,<br>Italian, Russian, Swedish,<br>Dutch, Polish, Czech, T-<br>Chinese, S-Chinese,<br>Japanese, Turkish,<br>Portuguese, Finnish,<br>Indonesian, Arabic,<br>Vietnamese, Hungarian,<br>Norsk, total 23 languages |
| User Guide Language:                     | English, S-Chinese, T-<br>Chinese, Indonesian,<br>Finish, French, German,<br>Italian, Japanese, Korean,<br>Polish, Portuguese,<br>Russian, Spanish, Swedish,<br>Turkish, Arabic, Czech,<br>Thai, Vietnamese, total 20<br>languages                              |

## STANDARD ACCESSORY

|                 |               |
|-----------------|---------------|
| Power Cord:     | 1             |
| Remote Control: | 1             |
| QSG:            | Yes           |
| Warranty Card:  | Yes (CN Only) |

## OPTIONAL ACCESSORY

|                     |             |
|---------------------|-------------|
| Wall/Ceiling Mount: | PJ-WMK-007  |
| Carry Bag:          | PJ-CASE-008 |