

ZH461

Compact high brightness laser projector



- **Bright Full HD 1080p DuraCore laser projector - 5000 lumens**
- **Versatile - 1.6x zoom, vertical lens shift, portrait mode**
- **Ultimate control - Crestron, Extron, AMX, PJ-Link and Telnet LAN commands**
- **Long lifetime and high reliability - 30,000 hours of virtually maintenance-free operation**



The ZH461 projector offers true convenience with low maintenance and longer-life laser technology in a small and lightweight chassis. It also features 4K and HDR compatibility and an impressive 5000 lumens.

Specifications

| | |
|---------------------------------------|--|
| Display/image | |
| Display technology | DLP™ |
| Resolution | 1080p Full HD (1920x1080) |
| Brightness | 5,000 lumens |
| Contrast ratio | 300,000:1 |
| Native aspect ratio | 16:9 |
| Aspect ratio - compatible | 4:3 |
| Keystone correction - horizontal | +/-30° |
| Keystone correction - vertical | +/-30° |
| Has vertical auto keystone correction | Yes |
| Displayable colours (millions) | 1073.4 |
| Horizontal scan rate | 15.375 ~ 91.146 KHz |
| Vertical scan rate | 50 ~ 85 Hz (120Hz for 3D)Hz |
| Uniformity | 80% |
| Screen size | 0.51m ~ 8.14m (20.2" ~ 320.4") diagonal |
| Lamp info | |
| Light source type | Laser |
| LASER life | 30,000 hours |
| Optical | |
| Throw ratio | 1.4:1 ~ 2.24:1 |
| Projection distance (m) | 1m - 10m |
| Zoom | 1.6 |
| Zoom type | Manual |
| Focal length (mm) | 20.91mm~32.62mm/0.823"~1.284" |
| Lens shift | Vertical +16% |
| Native offset | 100% |
| Lens shift | Yes - {{downloads_link}} |
| Connectivity | |
| Connections | Inputs 1 x HDMI 2.0, 1 x HDMI 1.4a 3D support, 1 x VGA (YPbPr/RGB), 2 x Audio 3.5mm, 1 x Mic 3.5mm, 1 x Composite video Outputs 1 x VGA, 1 x Audio 3.5mm, 1 x USB-A power 1.5A Control 1 x RS232, 1 x RJ45, 1 x 12V trigger, 1 x micro USB service, 1 x 3D sync |
| General | |
| Noise level (typical) | 30dB |
| Noise level (max) | 32dB |
| PC compatibility | UHD, FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac |
| 2D compatibility | NTSC M/J, 3.58MHz, 4.43MHz PAL B/D/G/H/I/M/N, 4.43MHz SECAM B/D/G/K/K1/L, 4.25/4.4MHz 480i/p, 576i/p, 720p(50/60Hz), 1080i(50/60Hz), 1080p(50/60Hz) |
| 3D compatibility | Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Full 3D |
| 3D | Full 3D |
| Security | Security bar, Kensington Lock, Password protected interface |
| IP rating | IP6X |
| OSD / display languages | 25 languages: Arabic, Czech, Danish, Dutch, English, Farsi, Finnish, French, German, Greek, Hungarian, Indonesian, Italian, Japanese, Norwegian, Polish, Portuguese, Romanian, Russian, Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese |
| 24/7 operation | Yes |
| 360° operation | Yes |
| Operating conditions | 5°C~40°C/41°F~104°F, max altitude 3000M/9843ft, max humidity 85% |
| Remote control | Data remote with mouse function |
| Heat dissipation | 918BTU/hour |
| Speaker count | 2 |
| Watts per speaker | 10W |
| In the box | AC power cord Remote control 2x AAA batteries Basic user manual |
| Input lag | 16.20ms |
| Optional wireless models | UHDCast Pro, QuickCast Bundle, QuickCast starter kit |
| Networking | |
| LAN - control | Yes |
| Power | |
| Power supply | 100V ~ 240V, 50-60Hz |
| Power consumption (standby) | <0.5W |
| Power consumption (min) | 227W |
| Power consumption (max) | 282W |
| Weight and dimensions | |
| Dimensions (W x D x H) mm | 337 x 265 x 122.5 |
| Gross weight | 6.6 kg |
| Net weight | 4.5 kg |

