

## ZH450ST

Eco-friendly high brightness short throw Full HD laser projector









- Bright Full HD 1080p DuraCore laser projector -4200 lumens and IP6X certified
- Compact and short throw lens for easy installation
  360-degree and portrait projection
- Reduced power consumption for a long life span -DuraCore laser technology delivers 30,000 hours maintenance free laser light source
- External power supply More reliability, portability and energy efficiency



The ZH450ST is one of Optoma's most compact and hassle-free Full HD 1080p DuraCore laser projectors to date. Designed for maintenance-free continuous operation, this 4200-lumen projector delivers powerful image performance with flexible installation features and extensive connectivity options in a sleek, compact form factor, up to 34% smaller than previous Optoma models.<sup>1</sup>

An added benefit, the ZH450ST features an external power supply offering more reliability, portability and energy efficiency.

## **Specifications**

EAN: 5055387666818, Colour: White

UPC: 796435 44 658 1, Colour: White Display/image

Display technology

DLP™

Resolution 1080p Full HD (1920x1080)

**Brightness** 4.200 lumens Contrast ratio 300,000:1 2,000,000:1 Contrast ratio - dynamic 16:9 Native aspect ratio 4:3.16:9.16:10 Aspect ratio - compatible

Keystone correction horizontal

+/-15°

Keystone correction - vertical +/-15° Displayable colours (millions) 1073.4 15 ~ 140Khz Horizontal scan rate Vertical scan rate 24 ~ 120Hz Uniformity 75%

0.91m ~ 7.42m (36" ~ 292") diagonal Screen size

Lamp info Light source type

Laser LASER life 30,000 hours

Optical Throw ratio

0.496:1 Projection distance (m) 0.4m - 3.2m Zoom type Fixed Focal length (mm) 7.51 116% Native offset

Connectivity

Connections Inputs 2 x HDMI 2.0

Outputs 1 x Audio 3.5mm, 1 x USB-A power 1.5A

Control 1 x RS232, 1 x RJ45

General

Noise level (min) 29dB 36dB Noise level (max)

PC compatibility 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)

Yes (DLP 3D; PC frame sequential 120Hz 3D, Blu-ray DVD

3D compatibility 3D)ver-Under: 1080p24, 720p50 / 60

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 0°C ~ 40°C, Max. Humidity 80%, Max. Altitude 2,500m

Remote control Card style Speaker count Watts per speaker 15W

In the box AC power cord Remote control 1x CR2025 battery

Basic user manual UHDCast Pro Optional wireless models

Power

External power supply, 100V ~ 240V, 50-60Hz

Power consumption (standby) <0.5W Power consumption (min) 119W 173W Power consumption (max)

Weight and dimensions Dimensions (W x D x H) mm

274 x 216 x 114 Gross weight 4.2 kg Net weight 3 kg



