# H116ST

Go big! Short throw HD Ready home entertainment projector



- **Lights on viewing – 3600 ANSI lumens**

- **Short throw lens - 100" image from just over a metre away**

- **Easy connectivity – HDMI, VGA, USB Power**

- **Clear, powerful audio - 10W speaker**

Conveniently project a stunning 100 inch HD ready image from just over a meter from a flat surface or screen by placing your H116ST on a coffee table. Bright and versatile, this portable projector is ideal for gamers with its low input latency, live sports and home entertainment any time of day. You can even take it round to a friend's house with the optional carry bag for a sports event, movie night or games marathon to provide you with the best big screen experience anywhere with a flat surface.

# Specifications

## Display/image

| | |
|---|---|
| Display technology | DLP |
| Resolution | WXGA (1280x800) |
| Brightness | 3,600 lumens |
| Contrast ratio | 30,000:1 |
| Native aspect ratio | 16:10 |
| Aspect ratio - compatible | 4:3,16:9 |
| Keystone correction - vertical | +/-40° |
| Horizontal scan rate | 15.38 ~ 91.15Khz |
| Vertical scan rate | 50 ~ 85(120 for 3D)Hz |
| Uniformity | 75% |
| Screen size | 0.91m ~ 7.7m (35.64" ~ 302.98") diagonal |

## Lamp info

| | |
|---|---|
| Light source type | Lamp |
| Lamp watts | 203 |
| Lamp life hours (up to) | 6000 (Bright), 12000 (Dynamic), 10000 (Eco), 15000 (Eco+) |

## Optical

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|---|---|
| Throw ratio | 0.52:1 |
| Projection distance (m) | 0.4m - 3.4m |
| Focal length (mm) | 7.51 |
| Native offset | 112% |

## Connectivity

| | |
|---|---|
| Connections | **Inputs** 1 x HDMI 1.4a 3D support, 1 x VGA (YPbPr/RGB), 1 x Composite video, 1 x Audio 3.5mm |
| | **Outputs** 1 x VGA, 1 x Audio 3.5mm, 1 x USB-A power 1A |
| | **Control** 1 x RS232 |

## General

| | |
|---|---|
| Noise level (typical) | 26dB |
| Noise level (max) | 28dB |
| 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) |
| 3D compatibility | Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 |
| 3D | Full 3D |
| Security | Security bar, Kensington Lock, Password protected interface |
| 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 |
| Operating conditions | 5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m |
| Remote control | Card style |
| Speaker count | 1 |
| Watts per speaker | 10W |
| In the box | AC power cord Remote control Battery Basic user manual |
| Input lag | 33.00ms |
| Optional wireless models | WHD200 |

## Power

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|---|---|
| Power supply | 100 ~ 240V, 50 ~ 60Hz |
| Power consumption (standby) | 0.5W |
| Power consumption (min) | 187W |
| Power consumption (max) | 225W |

## Weight and dimensions

| | |
|---|---|
| Net weight | 3kg |
| Dimensions (W x D x H) mm | 316 x 244 x 108 |