

EH345 Full HD 1080p, bright and powerful



- Bright 1080p projector 3200 ANSI lumens
- Installation flexibility 1.3x zoom
- Amazing colour Accurate sRGB colour space
- Easy connectivity HDMI, VGA, USB Power, 10W speaker

Make your presentations count regardless of the ambient light level using the Full HD 1080p EH345. Designed for education and business environments this powerful projector is perfect for installation. It is also has long lamp life and energy-saving features to provide you with a low overall cost of ownership.

Easy to connect to with multiple inputs including two HDMI, MHL, VGA and a built-in 10W speaker. You can even present wirelessly using the HDCast Pro (sold separately) or use the USB Power to connect and power HDMI dongles such as the Google Chromecast.

Specifications

| - | |
|--|---|
| Display/image | |
| Display technology | |
| Resolution | 1080p Full HD (1920x1080) |
| Brightness | 3,200 lumens |
| Contrast ratio | 22,000:1 |
| Native aspect ratio | 16:9 |
| Aspect ratio - compatible | 4:3 |
| Keystone correction - vertical | 40 |
| Horizontal scan rate | 15.3 ~ 91.1Khz |
| Vertical scan rate | 24 ~ 85(120 for 3D)Hz |
| Uniformity | 75% |
| Screen size | 1.01m - 7.62m (39.92in - 299.81in)(Diagonal) |
| Lamp info | |
| Light source | Lamp |
| Lamp watts | 195 |
| Lamp life (hours) | 5000 (Bright), 7000 (Dynamic), 6000 (Eco), 8000 (Eco+), |
| l amp life (education) | 10000 (Education) |
| Lamp life (education) | 10,000 hours |
| Optical Throw ratio | 1.13:1 - 1.47:1 |
| Projection distance (m) | 1.13:1 - 1.47:1 1.3m - 9.76m |
| Projection distance (m) Zoom | 1.3 1.3 |
| Zoom type | Manual |
| Focal length (mm) | 16.91 ~ 21.6 |
| Native offset | 116% |
| Connectivity | |
| Connections | Inputs 1 x HDMI 1.4a 3D support, 1 x VGA (YPbPr/RGB), |
| | 1 x Composite video, 1 x Audio 3.5mm, 1 x HDMI 1.4a 3D |
| | support + MHL |
| | Outputs 1 x VGA (YPbPr/RGB), 1 x Audio 3.5mm, 1 x |
| | USB-A power 1A |
| | Control 1 x RS232 |
| General | |
| Noise level (typical) | 29dB |
| 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, |
| 2D compatibility | 4,43MHz SECAM B/D/G/K/K1/L, 4.25/4.4MHz 480i/p, |
| | 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) |
| 2D compatibility 3D compatibility | 4,43MHz SECAM B/D/G/K/K1/L, 4.25/4.4MHz 480i/p, |
| | 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) Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: |
| 3D compatibility | 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) Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Full 3D |
| 3D compatibility 3D | 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) Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Full 3D |
| 3D compatibility 3D Security | 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) Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Full 3D Security bar, Kensington Lock, Password protected interface 25 languages: Arabic, Czech, Danish, Dutch, English, Farsi, Finnish, French, German, Greek, Hungarian, Indonesian, |
| 3D compatibility 3D Security | 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) Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Full 3D Security bar, Kensington Lock, Password protected interface 25 languages: Arabic, Czech, Danish, Dutch, English, Farsi, Finnish, French, German, Greek, Hungarian, Indonesian, Italian, Japanese, Norwegian, Polish, Portuguese, |
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| 3D compatibility 3D Security OSD / display languages | 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) Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Full 3D Security bar, Kensington Lock, Password protected interface 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 |
| 3D compatibility 3D Security OSD / display languages Operating conditions | 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) Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Full 3D Security bar, Kensington Lock, Password protected interface 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 5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m |
| 3D compatibility 3D Security OSD / display languages Operating conditions Remote control | 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) Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Full 3D Security bar, Kensington Lock, Password protected interface 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 5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m Data remote with laser and mouse function |
| 3D compatibility 3D Security OSD / display languages Operating conditions Remote control Speaker count | 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) Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Full 3D Security bar, Kensington Lock, Password protected interface 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 5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m Data remote with laser and mouse function 1 |
| 3D compatibility 3D Security | 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) Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Full 3D Security bar, Kensington Lock, Password protected interface 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 5°C ~ 40°C, Max. Humidity 85%, Max. Attitude 3000m Data remote with laser and mouse function 1 |
| 3D compatibility 3D Security OSD / display languages Operating conditions Remote control Speaker count Watts per speaker | 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) Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Full 3D Security bar, Kensington Lock, Password protected interface 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 5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m Data remote with laser and mouse function 1 |
| 3D compatibility 3D Security OSD / display languages Operating conditions Remote control Speaker count Watts per speaker | 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) Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Full 3D Security bar, Kensington Lock, Password protected interface 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 5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m Data remote with laser and mouse function 1 10W AC power cord Remote control 2x AAA batteries |
| 3D compatibility 3D Security OSD / display languages Operating conditions Remote control Speaker count Watts per speaker In the box | 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) Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Full 3D Security bar, Kensington Lock, Password protected interface 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 5°C ~ 40°C, Max. Humidity 85%, Max. Attitude 3000m Data remote with laser and mouse function 1 10W AC power cord Remote control |
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| 3D compatibility 3D Security OSD / display languages Operating conditions Remote control Speaker count Watts per speaker In the box Power Power supply | 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) Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Full 3D Security bar, Kensington Lock, Password protected interface 25 Ianguages: 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 5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m Data remote with laser and mouse function 1 10W AC power cord Remote control 2x AAA batteries Basic user manual 100 ~ 240V, 50 ~ 60Hz |
| 3D compatibility 3D Security OSD / display languages Operating conditions Remote control Speaker count Watts per speaker In the box Power Power Power consumption | 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) Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Full 3D Security bar, Kensington Lock, Password protected interface 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 5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m Data remote with laser and mouse function 1 10W AC power cord Remote control 2x AAA batteries Basic user manual |
| 3D compatibility 3D Security OSD / display languages Operating conditions Remote control Speaker count Watts per speaker In the box Power Power Power consumption (standby) | 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) Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Full 3D Security bar, Kensington Lock, Password protected interface 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 5°C ~ 40°C, Max. Humidity 85%, Max. Attitude 3000m Data remote with laser and mouse function 1 10W AC power cord Remote control 2x AAA batteries Basic user manual 100 ~ 240V, 50 ~ 60Hz 0.5W |
| 3D compatibility 3D Security OSD / display languages Operating conditions Remote control Speaker count Watts per speaker In the box Power Power supply Power consumption (standby) Power consumption (min) | 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) Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Full 3D Security bar, Kensington Lock, Password protected interface 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 5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m Data remote with laser and mouse function 1 10W AC power cord Remote control 2x AAA batteries Basic user manual 100 ~ 240V, 50 ~ 60Hz 0.5W 192W |
| 3D compatibility 3D Security OSD / display languages Operating conditions Remote control Speaker count Watts per speaker In the box Power Power consumption (standby) Power consumption (min) Power consumption (max) | 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) Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Full 3D Security bar, Kensington Lock, Password protected interface 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 5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m Data remote with laser and mouse function 1 10W AC power cord Remote control 2x AAA batteries Basic user manual 100 ~ 240V, 50 ~ 60Hz 0.5W |
| 3D compatibility 3D Security OSD / display languages Operating conditions Remote control Speaker count Watts per speaker In the box Power consumption (standby) Power consumption (min) Power consumption (max) Weight and dimensions | 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) Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Full 3D Security bar, Kensington Lock, Password protected interface 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 5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m Data remote with laser and mouse function 1 10W AC power cord Remote control 2x AAA batteries Basic user manual 100 ~ 240V, 50 ~ 60Hz 0.5W 192W 232W |
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