UHD51
True to life detail - 4K Ultra HD projector

- 4K UHD resolution and HDR compatible
- Amazing colour - accurate 100% Rec.709 colours, 2400 ANSI lumens
- Fluid viewing - PureMotion frame interpolation
- Easy installation - vertical lens shift

Immerse yourself in a world of Ultra HD. The UHD51 delivers the ultimate in home entertainment with impressive 4K cinema quality images. Enjoy excellent colour depth, crystal clear detail, and high contrast for a stunningly immersive experience.

Packed with the latest technology and features, this compact UHD projector boasts High Dynamic Range (HDR) compatibility, HDCP 2.2 support and sophisticated PureMotion frame-interpolation processing which eliminates motion blurring or image judder. An RGBRGB colour wheel provides accurate, true to life rendition of 100% Rec.709 - perfect for recreating the big-screen experience at home.
# Specifications

## Display/image
- **Display technology**: DLP
- **Resolution**: UHD (3840x2160)
- **Brightness**: 2.400 lumens
- **Contrast ratio**: 500.000:1
- **Native aspect ratio**: 16:9
- **Aspect ratio - compatible**: 4:3
- **Horizontal scan rate**: 31 - 135Khz
- **Vertical scan rate**: 24 - 120Hz
- **Uniformity**: 75%

### Lamp info
- **Light source**: Lamp
- **Lamp watts**: 240
- **Lamp life (hours)**: 4000 (Bright), 15000 (Dynamic), 10000 (Eco)

## Optical
- **Throw ratio**: 1.21:1 - 1.59:1
- **Projection distance (m)**: 1.2m - 8.1m
- **Zoom**: 1.3
- **Zoom type**: Manual
- **Focal length (mm)**: 12.81 - 16.74
- **Lens shift**: Vertical +10, %
- **Native offset**: 105%

## Connectivity
### Connections
- **Inputs**: 2 x HDMI 2.0, 1 x VGA (YPbPr/RGB), 1 x Audio 3.5mm
- **Outputs**: 1 x Audio 3.5mm, 1 x S/PDIF, 1 x USB-A power 1.5A
- **Control**: 1 x USB-A service, 1 x RS232, 1 x RJ45, 1 x 12V trigger

## General
- **Noise level (typical)**: 25dB
- **PC compatibility**: UHD, WQHD, WUXGA, FHD, UXGA, SXGA, WXGA, HD, XGA, SXGA, VGA, Misc
- **2D compatibility**: 480p, 576p, 720p(50/60Hz), 1080p(50/60Hz), 1080p(50/60Hz), 1080p(50/60Hz)
- **3D compatibility**: Side-by-Side:1080i 50 / 60, 720p 50 / 60, 1080i 50 / 60, 720p 50 / 60 Frame-pack: 1080i 50, 720p 50 / 60, Over-Under: 1080i 24, 720p 50 / 60
- **3D**: Full 3D
- **Security**: Security bar, Kensington Lock, Password protected interface
- **OSD / display languages**: 10 languages: English, French, German, Italian, Japanese, Portuguese, Russian, Chinese (simplified), Spanish
- **Operating conditions**: 5°C - 40°C, Max. Humidity 85%, Max. Altitude 3000m
- **Remote control**: Backlit home remote
- **Speaker count**: 2
- **Watts per speaker**: 5W
- **In the box**: Lens cap, AC power cord, Remote control, 2x AAA batteries, Basic user manual

## Power
- **Power supply**: 100 - 240V, 50 - 60Hz
- **Power consumption (standby)**: 0.5W
- **Power consumption (min)**: 249W
- **Power consumption (max)**: 305W

## Weight and dimensions
- **Net weight**: 5.22kg
- **Dimensions (W x D x H)**: 392 x 281 x 118 mm

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