

# *projectiondesign* **Action!** *model zero five*

## projectiondesign Action! model zero five

The model zero five is our commitment to designing a more affordable version of the model one, our top-of-the line home cinema DLP™ projector. Featuring many of the same components, it introduces the lower resolution, purpose-built Texas Instruments® Matterhorn DMD™ for outstanding performance from DVD, TV and video sources. With wide PAL resolution, 1024 x 576, the model zero five reproduces a sharp image free of artefacts.

The philosophy behind the model zero five is the same as that for our model one. Outstanding image dynamics with high contrast and brightness, neutral, yet saturated colours, and excellent detail reproduction from the deepest blacks to the whitest whites. The cinematic feeling and quality can be recreated in your own home using simple tools.

Image quality is the key design criteria for the model zero five. The non-magnetic magnesium alloy chassis provides a perfectly stable platform, not causing electrical interference and image degradation. Our high-resolution optical engine uses aspherical lenses to provide perfect focusing and uniformity. The highly acclaimed Faroudja® DCDi™ progressive scan engine processes incoming video signals to achieve the best possible image quality with any video input.

Gold plated printed circuit boards and connectors, individually regulated power supplies, and the highest quality components for all signal processing ensure dynamic images, surpassed only by our own award winning model one.

### Main Features

- Faroudja® DCDi™ video processing
- 3 : 2 / 2 : 2 pull down and film mode detection
- Single chip Matterhorn DLP™ technology
- HDMI compatible DVI-D digital interface with HDCP
- Apochromatic projection lens design for optimal focus
- Sealed Optical Architecture (SOA)
- Filter free design for low maintenance
- Optimum Light Recovery optical assembly
- Aspherical contrast enhancing Field Lens architecture
- Balanced impedance matched circuit topology
- Unique UniBoard video processing
- 12 separately regulated power supplies
- Fully decoupled acoustical noise-cancelling sub chassis
- Low distortion Power Factor Corrected (PFC) power supplies



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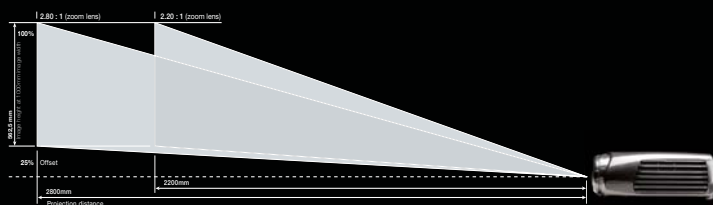
## Image sizes and distances

| Screen Diagonal |     | Viewing area - w x h |           | Projection Distance (cm) |     |       | Offset (cm) |
|-----------------|-----|----------------------|-----------|--------------------------|-----|-------|-------------|
| inches          | cm  | inches               | cm        | min                      | max | wide* | cm          |
| 72              | 184 | 63 x 35.5            | 160 x 90  | 352                      | 448 | 205   | 22.5        |
| 82              | 208 | 72 x 40.5            | 182 x 103 | 400                      | 510 | 233   | 26          |
| 92              | 234 | 80 x 45              | 203 x 114 | 446                      | 568 | 260   | 28.5        |
| 100             | 254 | 87 x 49              | 221 x 125 | 486                      | 619 | 283   | 31          |
| 106             | 269 | 92 x 52              | 234 x 132 | 515                      | 655 | 300   | 33          |
| 110             | 280 | 96 x 54              | 244 x 137 | 537                      | 683 | 312   | 34          |
| 119             | 302 | 104 x 58             | 264 x 147 | 581                      | 739 | 338   | 37          |

Accuracy: +/- 5%

\*) Wide angle lens is optional

## Throw ratio, zoom lens



## Specifications

### display concept

single chip Matterhorn DLP™ technology

1024 x 576 resolution (16 : 9 wide screen)

### input signal compatibility

6-segment, 5-speed, 9000 rpm, RGBRGB colour wheel  
1080i, 720p, 576i / 576p, 480i / 480p, PAL SECAM,  
NTSC, digital and analog RGB

### projection lens

1.3x manual zoom, apochromatic glass lens,  
f=31.1 - 39.2 mm, F/2.8 - 3.0  
2.20 - 2.80 : 1 throw ratio (distance to width)  
Optional 1.28 : 1 wide angle lens

### video processing

DCDi™ by Faroudja

### contrast

2300 : 1 (max)

### brightness

continuously adjustable 500 - 900 ANSI lumens

### lamp

250W UHP™ / 3000 hours (in low / eco power mode)

### connectivity

YPBPR x2 component video

S-Video

Video

DVI-D (HDCP compatible)

VGA (RGBHV, RGBS, RGsB)

RS232

12V trigger x2 (screen drop, aspect ratio)

IR remote control, with IR repeater input

USB

### control

front / rear / tabletop / ceiling

### projection modes

28 dB

### operating noise level

3.0 kg

### weight

IR remote control, installation cable cover, optional air duct

### other

vanquish grey

### available colours



**Award for  
Design Excellence**  
Awarded by the  
Norwegian Design Council



**Designed and  
manufactured  
in Norway**



All brands and trade names are the property of their respective owners. Specifications subject to change without prior notice. All values are typical and may vary. Patent pending on lamp and cooling system.

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