

THEME | SCENE



REAL DIGITAL CINEMA AT HOME

The Art of Projecting Perfection.

Until now you could only have dreamt of a home cinema experience so compelling. ThemeScene projectors liberate the senses with their breathtaking widescreen images of astoundingly rich colour and vivid expression of shadow and light. Using advanced projection technology and fine engineering, ThemeScene defies the conventional constraints of projection viewing: you will be truly amazed by the illumination of blacks with the startling depth and reproduction of brilliant, faithful colours. Balancing sleek aesthetic form with exceptional Home Cinema performance, ThemeScene puts you right in the picture.



H55 Digital
Cinema Projector

ThemeScene™ H55

VIVID, NATURAL LOOKING VIDEO

No matter the level of light, the H55 projects brilliant and natural looking video. A 1000:1 Peak Contrast Ratio translates into exceptionally colourful video from DVD players, laptops, and even game consoles.

DIGITAL PROCESSING POWER

The ThemeScene H55 comes with a Silicon Images DVDO 504 Pure Progressive Processing Chip, with advanced adaptive interlacing for video, which processes both NTSC and PAL movies, giving you artifact-free, noise-free digital signals.

AMAZING PICTURE SHARPNESS

The H55's custom Digital Zoom Lens guarantees sharp and focused projection regardless of projection size or projection medium.

TRUE COLOUR REPRODUCTION

Revolutionary Digital Light Processing (DLP) technology means true, digital colour reproduction. The H55 also incorporates a special colour wheel, accurately reproducing NTSC and PAL colour space, yielding true red colour production not seen in most DLP projectors.

ULTRA-QUIET OPERATION

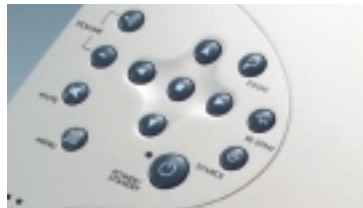
The H55's ultra-quiet operation (32dB), achieved through innovative air-flow and anti-vibration design, eliminates extraneous and unwanted sound, allowing you to focus on the movie.

DVI DIGITAL INPUT

An extensive array of digital I/O ports makes connecting your DVD player, laptop and game consoles quick and easy. Additionally, the H55 is equipped with a DVI digital input terminal, accepting digital video for "All-Digital-Video" Projection.



Digital Zoom Lens projects screen sizes up to 25 feet.



Control Panel provides intuitive, single-touch operation.



Extensive I/O Ports offer connectivity to PCs, DVD players, HDTV and more.



DLP™ technology by Texas Instruments offers crystal clear images with superior quality.

ThemeScene™ H55

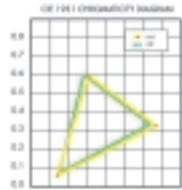
PERFORMANCE SPECIFICATIONS

Optical System

Industry's First 12 Degree SDR DMD Chip

- > Improved black and contrast ratio

New 120Hz RGBw Colour Wheel



- > Very small white segment eliminates DLP "hot white" problem
- > Bigger red segment improves colour accuracy and saturation

Advanced Optical System Reduces Stray Light



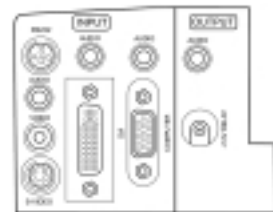
DLP vs. Non-DLP Digital Projectors

- > Improves peak contrast to an average above 1000:1 (white segment "On")
- > Improves overall colour saturation

Input/Output

Ten Different Input Possibilities

- > 1 Video, 1 S-Video
- > 1 VGA (component-i, component-p and RGBHV)
- > 1 DVI (digital RGB, component-i, component-p, RGBHV)



Ten I/O ports

DVI Input for All-Digital-Image Experience

- > Paired with a Home Cinema PC with DVI output, the H55 offers an "All-Digital-Image" experience



Home Cinema PC

H55 Digital Projector

Versatile Signal Compatibility

- > Interlaced 525i (PAL), 480i(NTSC)
- > Progressive DVD: 525p (PAL) and 480p (NTSC)
- > HDTV: 576p (PAL) and 480p, 720p, 1080i (NTSC)

12V Relay

Image Quality

Unique Colour Tuning Per Input Signal

- > Each input is fine-tuned according to its video path characteristics for consistent image quality

Picture Adjustment memory Per Input Signal

- > Each input signal has its own picture adjustment memory for unique matching to differing video sources

Special RGB Gain and Bias Control Per Input Signal for Perfect Adjustment

- > "Special Service" mode allows advanced users to fine tune picture image from specific video sources

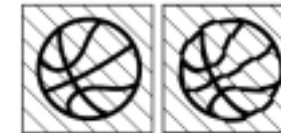


Special Service Mode for Advanced Tuning

Video Processing

DVDO Si504 Progressive Chip

- > Advanced Motion Adaptive De-interlacing



De-interlacing for sharper and clearer images

- > Reversed 3-2 pull down for NTSC film materials
- > Reversed 2-2 pull down for PAL film materials

Precision Pixel Matching™

- > Advanced scan conversion to pixel resolution

Finer Range of Picture Adjustment

- > Allows for accurate image fine tuning



Optical Features

Projection System	Single 0.7" DLP Panel/12 degree/DMD chip
Resolution	1024 x 768 XGA, 800 x 600 SVGA, Compression to 1280 x 1024 SXGA
Brightness	1000 ANSI Lumens
Contrast Ratio	1000:1 (Full On/Off)
Displayable Colour	16.7M colours
Lamp Type	200 watt UHP lamp
Lamp Life	2000 Hours
Projection Lens	f=28.8~34.5mm, F/2.44~2.69
Zoom Factor	1.2x, Manual
Projection Size	22" to 305" Diagonal
Projection Distance	3.74ft to 40.68/1.14m to 12.4m
Throw Ratio	2.0~2.5 (Projection Distance/Image Width)
Keystone Correction	±16 degrees

Electrical Features

Hor. Scan Rate	15~100kHz
Ver. Refresh Rate	43~120Hz
Pixel Frequency	140MHz
Aspect Ratio	4:3/16:9 (wide screen) compatible
Video Compatibility	NTSC (M, 4.43MHz/3.58MHz); PAL (B,D,G,H,I,M,N) SECAM (B,D,G,K,K1,L); HDTV (1080i; 720p) support 480i, 480p, 576p/i
TV Line	760 TV Lines

Software Features

Display Menu	English, French, Italian, German, Spanish, Portuguese, Chinese-C, Chinese-S, Japanese and Korean; User-Friendly design with Icon & Instructions
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Mechanical Features

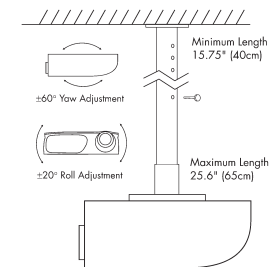
Weight	6.4lbs/2.9 kg
Dimensions (HxWxD)	10.9 x 8.9 x 3.3"/277 x 225 x 85mm
PC I/O Input	1 x HDB 15-Pin D-Sub 1 x Audio Mini Jack (for 15-pin D-SUB) 1 x DVI Connector
VIDEO I/O Input	1 x Mini DIN for S-Video Input Connector 1 x Composite Video Input Connector 1 x Audio Mini Jack (For S-video/Composite video) 1 x HDB 15-pin D-Sub (Video/HDTV input port) 1 x Audio Mini Jack (Video/HDTV input port) +12V Relay
Multimedia Audio	2 x internal speakers w/3 watts output

Environment Features

Operational Noise	33dB (25°C/200W)
Power Supply	AC input 100-240V; Input Frequency: 50~60Hz with PFC Power Supply
Lamp Driver	Input Power: 220~235W; Output Power: 200W±5%

Projector Accessories

Ceiling Mount	Min 15.75" (40cm)/Max 25.6" (65cm)
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The Digital Cinema Projector.



THEME|SCENE™ H55

www.themescene.tv

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