



HD
HIGH DEFINITION
READY



THEME | SCENE[®]

H78

by Optoma



the art of projecting perfection

The Mona Lisa was once nothing more than a blank canvas filled with potential. When expertly formed with a delicate balance of colour and shade it became a masterpiece. The same principle defines the ThemeScene™ H78.

Crystal clarity, rich vibrant and natural colour; extraordinary dark and shade detail producing an astounding depth of field transforming the blank canvas of your projection screen into a work of art.

Videophile Image quality

Designed as a reference for Home Cinema image quality and optimised for European Widescreen the ThemeScene™ H78 produces immaculate images that will exceed Videophile's expectations.

Silent Operation

The virtually silent operation of the H78 makes this one of the quietest projectors available ensuring that all you hear is the sound the movie director intended.

Exceptional Connectivity

High quality images require high quality inputs - the H78 supports 2 digital video formats, DVI and HDMI and up to 3 simultaneous interlaced and progressive component inputs all of which support Standard Definition PAL and High Definition formats.

Ease of use

Powerful lens shift and motorised focus and zoom combined with a simple intuitive menu system ensure that obtaining the best possible image quality in any room is made simple.



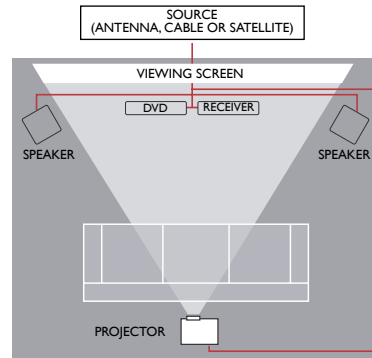
Heritage

The H78 is a member of the ThemeScene™ Home Cinema projector range which over the last 2 years, received over 35 awards for video quality in 11 European countries.

Engineering Projection Perfection

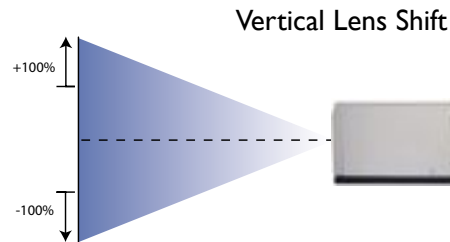
The stunning image quality of the ThemeScene™ H78 is enabled by a combination of the latest innovations and the finest components. The Digital Light Processing (DLP™) technology from Texas Instruments HD2+ digital mirror device at the heart of the projector is of the highest specification.

This 16:9, native High Resolution - DLP™ device, when paired with the ThemeScene™ precision optics, sophisticated video signal processing and advanced 8 segment, 5x speed colour wheel design and an exceptional 3800:1 Contrast Ratio results in images that are incredibly detailed, vibrant, crystal clear and beautifully balanced.

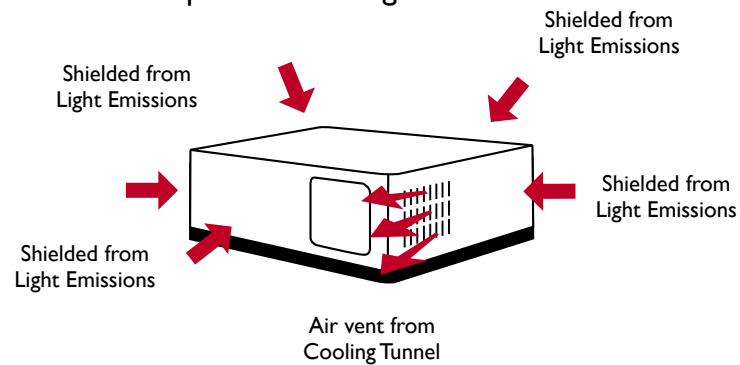


Revolutionary Engineering

The unique Shield Design of the projector casing prevents unwanted light emission and enables near silent operation. Through strategic use of baffles within the cooling tunnel, air speeds are reduced resulting in virtually silent operation. The resulting 23dB noise level makes the ThemeScene™ H78 one of the quietest projectors available. Virtually silent operation is critical to avoid compromising the dynamic range of your audio system.



Unique Shield Design



Vertical Lens Shift

The vertical lens shift control adjusts the vertical position of the projected image. Full 100% vertical offset enables flexible positioning of the projector without compromising image quality.



Technical Specifications

Highlights

Aspect Ratio	Widescreen (16:9)
Contrast	3800:1
Audible Noise	23dB
Brightness	1000 Video Optimised Lumens

Connections

	Inputs	Connector Type
Video	HDMI	DVI-I via supplied adaptor
	DVI	DVI-I
	Component I/P	1. DVI-I via optional adaptor 2. 3 x RCA 3. 3 x BNC
Computer	S-Video	Mini DIN
	Composite Video	RCA
	DVI-D	DVI-I
Video Compatibility	VGA 15 Pin D-Sub	DVI-I via optional adaptor
		PAL, SECAM (576i/p), NTSC (480i/p), HDTV (1080i, 720p)

Display

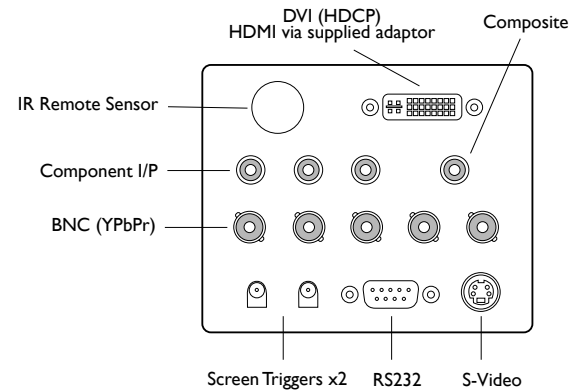
Display Technology	DLP™ HD2+ DMD by Texas Instruments (Native 1280 x 720)
Colour Wheel	5 x speed 8 Segment
Throw Ratio	1.6 - 2.16:1 (Projection distance/width) Power Zoom and Focus
Projection Distance	1m - 10m
Image Size	0.5 to 7.19m Diagonal
Keystone Correction	Horizontal and Vertical ±16 degrees
Projection Types	Front, Ceiling, Rear; Rear ceiling
Lamp Type	250 watt UHP
Typical Lamp Life*	3000 hours

General

Dimensions	429mm x 305mm x 145mm W x D x H
Weight	7.5kg
Power Consumption	320W Max, 20 watts standby
Operating Temperature	10 - 40°C Max, 80% Humidity
Mounting	Ceiling mount points
Warranty	Three (3) years limited warranty 90 days for lamp
Menu Languages	English, French, German, Italian, Spanish and Portuguese
Supplied accessories	AC power cord, HDMI to DVI adaptor, Composite video cable, S-video cable, Remote control, Remote control Batteries, Lens cap, User guide, RS232 cable
Optional accessories	Ceiling Mount Kit, Component to DVI adapter

*Typical lamp life achieved through testing. Will vary according to operational use and environmental conditions.

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H78 Projection Distance/Image Width				
Projection Distance(m)	Min. Horizontal Image Width(m)	Max. Horizontal Image Width(m)	Min. Diagonal Image Width(m)	Max. Diagonal Image Width(m)
2.00	0.93	1.25	1.06	1.44
3.00	1.39	1.88	1.60	2.16
4.00	1.85	2.50	2.13	2.88
5.00	2.31	3.13	2.66	3.59
6.00	2.78	3.75	3.19	4.31
7.00	3.24	4.38	3.73	5.03
8.00	3.70	5.00	4.26	5.75
9.00	4.17	5.63	4.79	6.47
10.00	4.63	6.25	5.32	7.19

For guide purposes only

Input Connectors						
Signal Type	DVI-I	3xRCA	BNC	S-Video	Composite	Signal Formats
HDMI (Via Supplied Adaptor)	•					480p\576p\720p\1080i
DVI	•					480p\576p\720p\1080i
High Definition	•	•	•			720p\1080i
Component	•	•	•			480i\480p\576i\576p
RGBHV	•		•			480i\480p\576i\576p\720p\1080i
S-Video				•		480i\576i
Composite					•	480i\576i
Analogue PC	•		•			Up to UXGA
Digital PC	•					Up to UXGA

Reseller Stamp



(UK Only) In the unlikely event of your projector requiring attention within 3 years of purchase, we will collect it on a next day collection service, repair and then return it to you. If you require a projector during the repair we will loan you a replacement unit.**

**The loan unit may not be the same model or have the same features as the unit being repaired. The Total Care warranty applies to the UK mainland only.



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