

H27 Home Entertainment Projector

Optoma



The Big Picture

Transform any room in your home with the ultimate entertainment experience. Making the largest big screen TV's seem small with an image that can fill a wall, the Optoma H27 will immerse you in the action. Easy to set up with your DVD player, digital TV receiver, VCR or games console; the fantastic image quality of the Optoma H27 provides life-size movie, sports or games characters looking so real you could touch them.

Digital High Definition

High Definition Compatible with an ultimate, digital quality HDMI compatible input and Widescreen display. The Optoma H27 produces images far superior to plasma or LCD. Displaying from any image source, the Brightness, Contrast and Colour are calibrated to exactly show the images as the movie director intended.



Digital Technology

DLP™ technology is the only display solution that is capable of providing a digital image from the source to the screen. When used with a digital HDMI or DVI input the Optoma H27 produces images so clear and brilliant that you need to see it to believe it. DLP™ technology images have an exceptionally long life with colours that will not fade or 'burn-in'. Native widescreen DarkChip2™ technology with a 4x, 6 segment colour wheel provides a stunning 2500:1 contrast ratio and a bright 850 video optimised lumens of light output for brilliant crystal clear images of exceptional detail.



SCART RGB

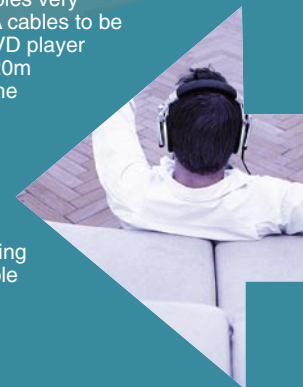
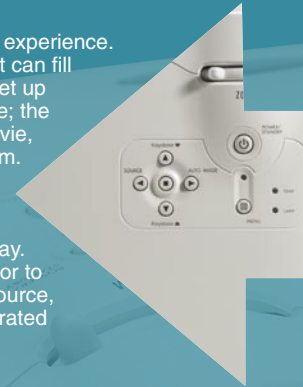
The Optoma H27 is designed for European video and offers SCART RGB. SCART RGB gives a very high quality image; as good as our excellent Component video input - making it easy to connect a high quality signal to Digital Satellite or Digital TV boxes, Games consoles or DVD players. If you want to watch the best quality TV, sport or gaming images you need SCART RGB.

SCART RGB adaptor

The unique supplied SCART RGB adaptor enables very high quality, inexpensive computer monitor VGA cables to be used to connect easily to your Digital TV box, DVD player or Games consoles. These cables can be up to 20m long, making it easy and inexpensive to position the Optoma H27 exactly where you want it.

Flexible positioning

Getting a big image in your room has never been simpler. Easy to position anywhere, you can either place it on a coffee table or use the 1/4" camera tripod style fixing to attach to a floor or table top stand. The high image offset of the H27 enables ceiling mounting to be unobtrusively close to the ceiling whilst coffee table mounting can be close to the floor hidden underneath the main table surface.



MAXIMUM OUTPUT

Technical Specifications

Highlights

Aspect Ratio	Widescreen (16:9)
Contrast	2500:1
Audible Noise	28dB
Brightness	850 Video Optimised Lumens

Connections

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

Display

Display Technology	DLP™ DC2 DMD by Texas Instruments (Native 854 x 480)
Colour Wheel	4x speed 6 Segment
Throw Ratio	1.87~2.25:1 (Projection distance/width) Manual Zoom and Focus
Projection Distance	1.5m - 10m
Image Size	0.76 to 6.12m Diagonal
Keystone Correction	Vertical ±16 degrees
Projection Types	Front, Ceiling, Rear, Rear ceiling
Lamp Type	200 watt
Typical Lamp Life*	3000 hours

General

Dimensions	277mm x 236mm x 105mm W x D x H
Weight	2.5kg
Power Consumption	265W Max, 20 watts standby
Operating Temperature	10 - 40°C Max, 80% Humidity
Mounting	Ceiling mount points, 1/4" Camera Style tripod mount
Warranty	Three (3) years limited warranty 90 days for lamp
Menu Languages	English, French, German, Italian, Spanish, Portuguese, Russian, Finnish, Dutch, Greek, Polish, No/DK
Supplied accessories	AC power cord, 3 x RCA Component cable, S-video cable, Remote control, Remote control Batteries, Lens cap, User guide
Optional accessories	Ceiling Mount Kit, HDMI to DVI adaptor, 3 x RCA to VGA adaptor, short throw lens (Throw Ratio 1.56-1.88)

(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.

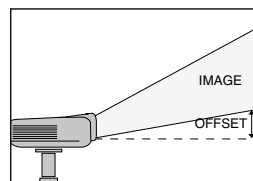
*Typical lamp life achieved through testing. Will vary according to operational use and environmental conditions.

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H27 Projection Distance/Image Size					
Projection Distance(m)	Max. Diagonal Image Size(m)	Min. Horizontal Image Size(m)	Max. Horizontal Image Size(m)	Min. Image Offset(m)	Max. Image Offset(m)
2.00	1.23	0.89	1.07	0.27	0.33
3.00	1.84	1.33	1.60	0.41	0.49
4.00	2.45	1.78	2.14	0.54	0.65
5.00	3.07	2.22	2.67	0.68	0.82
6.00	3.68	2.67	3.21	0.81	0.98
7.00	4.30	3.11	3.74	0.95	1.14
8.00	4.91	3.56	4.28	1.08	1.31
9.00	5.52	4.00	4.81	1.22	1.47
10.00	6.14	4.44	5.35	1.36	1.63

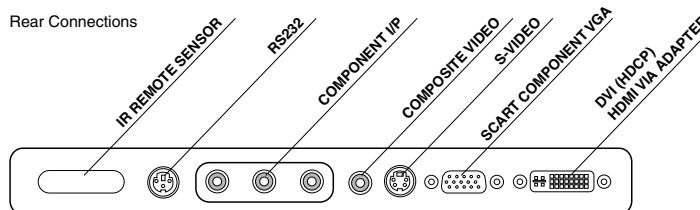
For guide purposes only

Image Offset

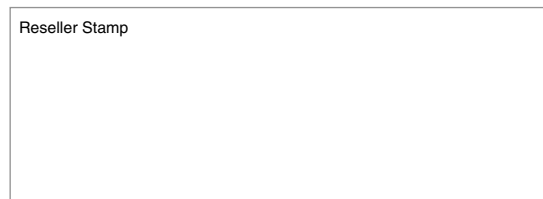


Unique 3 stage Photo Catalytic Titanium dioxide air purifier de-odorises and reduces bacteria and harmful hydrocarbons whilst you watch a movie

Rear Connections



Reseller Stamp



Optoma



ULTIMATE GAMING

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