








**→ The All-rounder...
Bright Installations...
Portable Design**



-  **Exceptional brightness**
– 4300 ANSI Lumens
-  **Stunning image clarity and detail**
with DarkChip3™ technology
-  **Networking – controlled and monitored** using RJ45
-  **Quiet operation – 30dB**
-  **Vivid perfectly balanced colour** for outstanding images and video
-  **Luxury carry-case** for use on the move
-  **No maintenance**
– filter free design

EX774N
Digital DLP® Projector

EX774N

Designed with medium or large conference rooms and venues in mind, the powerful EX774N projects an astonishing 4300 ANSI Lumens from a sleek and portable design.

Installed or on the move, the EX774N partnered with a notebook/PC delivers bright, vivid presentations and videos. Versatile with network capabilities it offers extensive connectivity suitable for a range of multimedia sources.

STAGGERING BRIGHTNESS

At 4300 ANSI Lumens, the Optoma EX774N is effective under virtually any lighting conditions.

STUNNING IMAGE QUALITY

DarkChip3™ technology from Texas Instruments enables a 3000:1 contrast ratio for stunning, pin sharp text or graphics and lifelike video. Optoma Colour Enhancement Technology™ ensures precise, vivid colour reproduction. This combination simultaneously enables text, graphics or videos to be displayed with accuracy and crystal clarity.

COLOUR PERFORMANCE

Optoma guarantees colour quality will remain as new for 10 years*

We are so confident that the EX774N colours will not fade that we guarantee the colours will remain vibrant and vivid, even after many years of use.



EXTENSIVE CONNECTIVITY

This native XGA projector accepts a wide variety of computer and video input signals.

Connectivity includes: DVI-I, VGA-SCART and Component, S-Video, Composite, RS232 and RJ45.

In addition, connect to the vast range of smooth release Panoview electric screens, operated via the integrated +12v trigger when the projector is switched on.

NETWORK CONTROL

Projectors can be controlled and monitored over a LAN network using a web browser.

Image and colour enhancement technologies

**WITH
3000:1 contrast ratio**



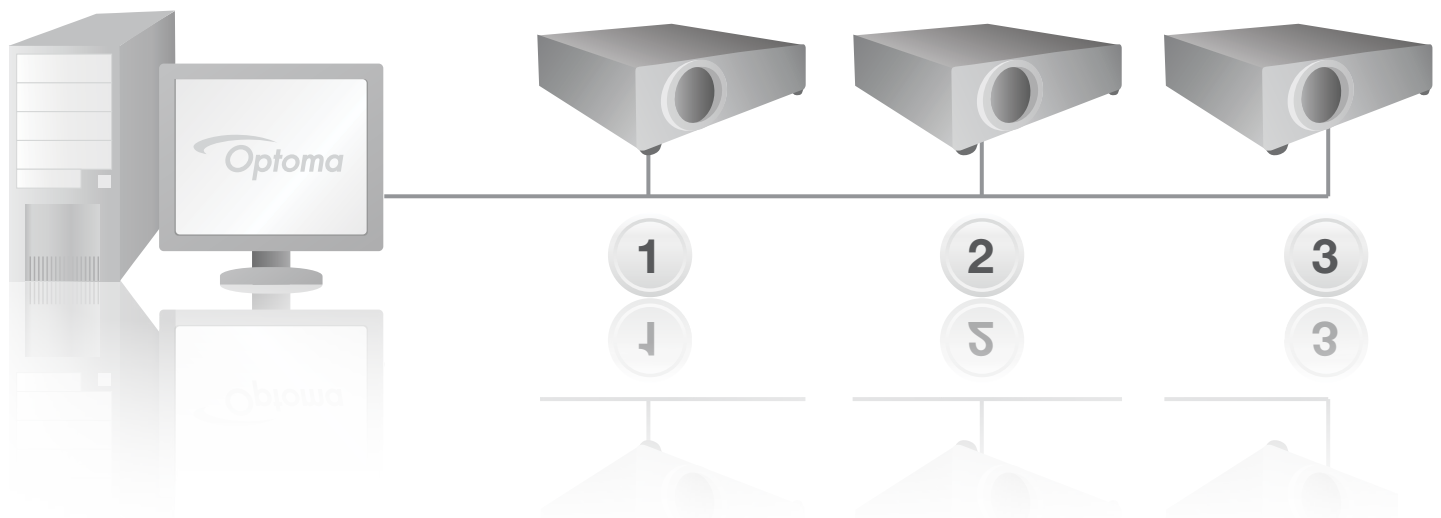
**WITHOUT
400:1 contrast ratio**



Optoma Colour Enhancement Technology

Advanced colour processing for bright, vivid, lifelike colour.

*Simulated Images



EASY TO USE



Quiet Operation

The EX774N features Optoma's whisper-quiet design, highly effective in reducing audible noise levels to 30dB.



Multi-Language Support

The OSD menu supports up to 18 European languages including French, German, Polish, Dutch, Swedish and Arabic.



Easy Lamp Replacement

The lamp can easily be replaced in situ even if the projector is ceiling mounted.

SECURITY



Password Protected Operation

Acts as a theft deterrent and prevents unauthorised usage.

Key Pad Lock

Unauthorised adjustments are prevented by ensuring the projector can only be controlled via the remote control.

ENERGY SAVING



Auto Power Off

If after a pre-determined time the projector does not receive a signal, it will turn itself off, conserving power and extending the life of the lamp.



Fast Switch On

Image displayed moments after switch on.



Low Power Standby Mode

Reduces energy consumption.



CUSTOMISED START UP SCREEN

First impressions are important so set the company logo as the start up screen to make that lasting impression.

MAINTENANCE FREE

DLP® technology ensures lower cost of ownership, longer life and improved reliability compared to other technologies such as LCD.

Save time and money with the filter free projector design – no more regular filter replacement or cleaning required.

CONTROL

The extensive RS232 command set makes it simple and easy to control the EX774N with any control system.

AMX Compatibility – Dynamic Discovery Protocol is incorporated into the EX774N. This feature allows for easy installation with AMX control systems.



Specifications

EX774N		
Native Resolution	XGA 1024 x 768	
Compressed Resolution	up to UXGA (1600 x 1200)	
Brightness	4300 ANSI Lumens	
Contrast Ratio	3000:1	
Noise Level	30/32dB (STD/BRIGHT mode)	
Display Technology	0.7" XGA DC3 Double Data Rate (DDR) DLP® Technology by Texas Instruments	
Dimensions (W x D x H)	300 x 244 x 100.5	
Weight	3.7 kg	
Lamp Life**	3000/2000 hours (STD/Bright mode)	
Remote Control	Full function remote with laser pointer, mouse control and direct source selecting	
INPUTS	DVI-I (HDCP)	HDMI via adaptor
		2nd VGA via adaptor
	15 Pin D-Sub VGA	Component via adaptor
		SCART via adaptor
	S-Video 4 Pin Mini Din	
	Composite RCA Jack	
	3.5mm Audio Mini Jack-Audio computer inputs	
CONTROL	2 x Stereo RCA-Audio video inputs	
	USB (for remote mouse)	
	RS232 9 Pin Mini DIN & RJ45 Network Control	
OUTPUTS	PC 15 Pin D-Sub VGA (monitor loop-through)	
	3.5mm Audio Mini Jack	
Audio	+12v Trigger	
Aspect Ratio	3W Speaker	
Keystone Correction	4:3 Native, 16:9 compatible	
On Screen Display	± 30° Vertical	
Video Compatibility	18 Languages: English, German, French, Italian, Spanish, Portuguese, Polish, Dutch, Russian, Finnish, Swedish, Greek, Norwegian, Danish, Hungarian, Czech, Turkish and Arabic	
Uniformity	PAL SECAM 625/576i/p, NTSC 525/480i/p, HD 720p/1080i	
Displayable Colours	85%	
Projection Lens	16.7 Million	
Throw Ratio	F/2.6 ~ 2.81, f=26.01 ~ 29.84mm, 1.15x Manual Zoom	
Projection Distance	1.8 ~ 2.1:1 (Projection Distance:Image Width)	
Image Size	1.0 ~ 11m	
Horizontal Scan Rate	0.60 ~ 7.65m (23.46" ~ 301.02") Diagonal 4:3	
Vertical Scan Rate	15, 31 ~ 90kHz	
Power Supply	50 ~ 85Hz	
Power Consumption	100 ~ 240V, 50 ~ 60Hz	
Operating Conditions	350W Maximum, Standby < 5W	
Security	Operating: 5 ~ 40° C, 80% Humidity (Max), 3000m Altitude (Max)	
Standard Accessories	One Kensington Lock Port, Password Protection	
RoHS	Lens Cover, AC Power Cord, VGA Cable, Composite Cable, USB Cable, Carry Bag, Full Function Remote, Batteries x 2, Quick Start Guide, CD User Manual, Warranty Card, WEEE Card	
Lamp Warranty	Compliant	
Warranty	6 months or 1000 hours – whichever comes sooner	
Colour Guarantee*	Warranty will vary by country. Please see www.optomaeurope.com or ask your local supplier for details	
	10 Years	

Easy to use remote control



EX774N Remote Control

- 1 Laser
- 2 Remote Mouse
- 3 Vertical Keystone Correction
- 4 Volume Control
- 5 Zoom Control
- 6 AV Mute
- 7 Direct Input Source Selection

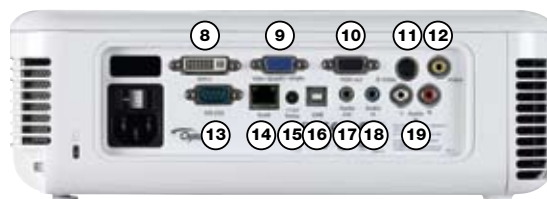
EX774N Connections

- 8 DVI-I HDMI and 2nd VGA via adaptor
- 9 VGA-SCART & Component
- 10 VGA Loop-through
- 11 S-Video
- 12 Composite Video
- 13 RS232 – 9 Pin
- 14 RJ45
- 15 +12v Trigger
- 16 USB (remote mouse)
- 17 Audio Out
- 18 Audio In (DVI-I & VGA)
- 19 Audio In L&R (S-Video & Composite)

Easy to use remote with buttons to change the input sources



Exceptional Connectivity/Multiple Terminals



EX774N Projection Distance 1.0 - 11m (4:3 Aspect Ratio)							
Projection Distance (m)	Max. Horizontal Image Size (m)	Min. Horizontal Image Size (m)	Max. Vertical Image Size (m)	Min. Vertical Image Size (m)	Max Diagonal Image Size (m)	Max Diagonal Image Size (inch)	Max. Image Offset (m)
1.00	0.56	0.48	0.42	0.36	0.70	27.37	0.05
2.00	1.11	0.95	0.84	0.72	1.39	54.73	0.10
2.50	1.39	1.19	1.04	0.90	1.74	68.41	0.13
3.00	1.67	1.43	1.25	1.07	2.09	82.10	0.15
4.00	2.22	1.90	1.67	1.43	2.78	109.46	0.20
5.00	2.78	2.38	2.09	1.79	3.48	136.83	0.25
6.00	3.33	2.86	2.51	2.15	4.17	164.19	0.30
7.00	3.89	3.33	2.92	2.51	4.87	191.56	0.35
8.00	4.44	3.81	3.34	2.86	5.56	218.92	0.40
9.00	5.00	4.29	3.76	3.22	6.26	246.29	0.45
10.00	5.56	4.76	4.18	3.58	6.95	273.65	0.50
11.00	6.11	5.24	4.59	3.94	7.65	301.02	0.55

For guide purposes only

EX774N is capable of 16:9 aspect ratio projection. When projecting a 16:9 image the image sizes, screen height and offset information will differ from the above.

Optoma Europe Ltd.
42 Caxton Way, Watford Business Park, Watford, Hertfordshire, UK. WD18 8QZ
www.optoma.co.uk

Panoview
Optoma recommended Screens
www.panoview.eu



* Optoma guarantees that in normal use, Optoma DLP® colour quality will be indistinguishable from when new. Please note that worn lamps will give slight variance. Exclusion: (1) Guarantee is voided if the projector is subject to damage through mis-use. (2) Guarantee may be void in industrial or commercial entertainment environments where dust or smoke is particularly excessive (3) Guarantee will not apply if lamp brightness is below 50% due to wear or if the projector is not working due to other fault. **Typical lamp life achieved through testing. Will vary according to operational use and environment conditions. Copyright © 2008, Optoma Europe Ltd. All other product names and company names used herein are for identification purposes only and may be trademarks or registered trademarks of their respective owners. Errors and omissions excepted, all specifications are subject to change without notice. DLP® and the DLP logo are registered trademarks of Texas Instruments.