










**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**



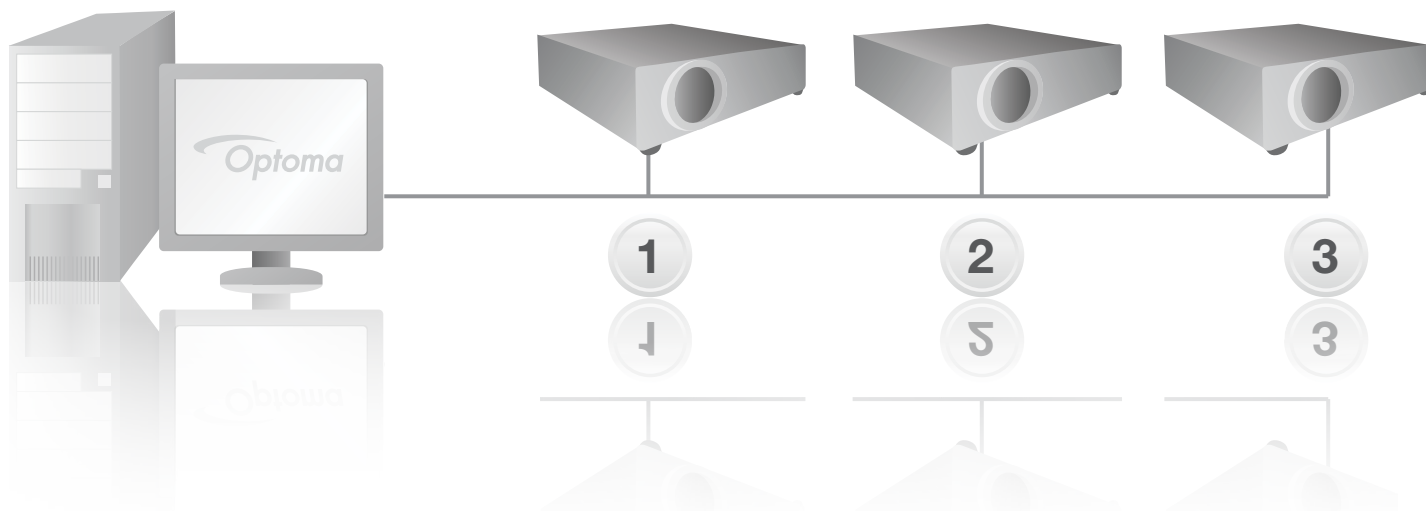
**WITHOUT  
400:1 contrast ratio**



### 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	
CONTROL	3.5mm Audio Mini Jack-Audio computer inputs	
	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	
	+12v Trigger	
Audio	3W Speaker	
Aspect Ratio	4:3 Native, 16:9 compatible	
Keystone Correction	± 30° Vertical	
On Screen Display	18 Languages: English, German, French, Italian, Spanish, Portuguese, Polish, Dutch, Russian, Finnish, Swedish, Greek, Norwegian, Danish, Hungarian, Czech, Turkish and Arabic	
Video Compatibility	PAL SECAM 625/576i/p, NTSC 525/480i/p, HD 720p/1080i	
Uniformity	85%	
Displayable Colours	16.7 Million	
Projection Lens	F/2.6 ~ 2.81, f=26.01 ~ 29.84mm, 1.15x Manual Zoom	
Throw Ratio	1.8 ~ 2.1:1 (Projection Distance:Image Width)	
Projection Distance	1.0 ~ 11m	
Image Size	0.60 ~ 7.65m (23.46" ~ 301.02") Diagonal 4:3	
Horizontal Scan Rate	15, 31 ~ 90kHz	
Vertical Scan Rate	50 ~ 85Hz	
Power Supply	100 ~ 240V, 50 ~ 60Hz	
Power Consumption	350W Maximum, Standby < 5W	
Operating Conditions	Operating: 5 ~ 40° C, 80% Humidity (Max), 3000m Altitude (Max)	
Security	One Kensington Lock Port, Password Protection	
Standard Accessories	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	
RoHS	Compliant	
Lamp Warranty	6 months or 1000 hours – whichever comes sooner	
Warranty	Warranty will vary by country. Please see <a href="http://www.optomaeurope.com">www.optomaeurope.com</a> or ask your local supplier for details	
Colour Guarantee*	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

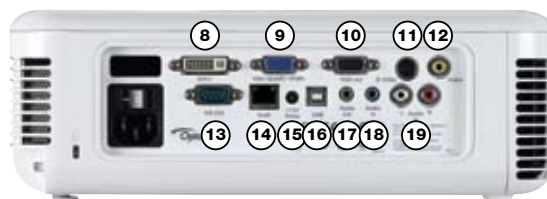
### EX774N Connections

- 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.