

# 3M™ Digital Projector X31



The 3M Digital Projector X31 features 2,700 lumens of brightness and a 2000:1 contrast ratio for exceptional picture quality. Backed by the 3M brand for superior performance and reliability, the X31 features network functionality which allows effective management of assets to reduce cost of ownership, limit downtime and avoid unnecessary maintenance. Coupled with a new hybrid filter that operates for up to 4,000 hours under normal conditions the X31 is ideal for education and business organisations who are looking for minimal running costs over the lifetime of the projector.

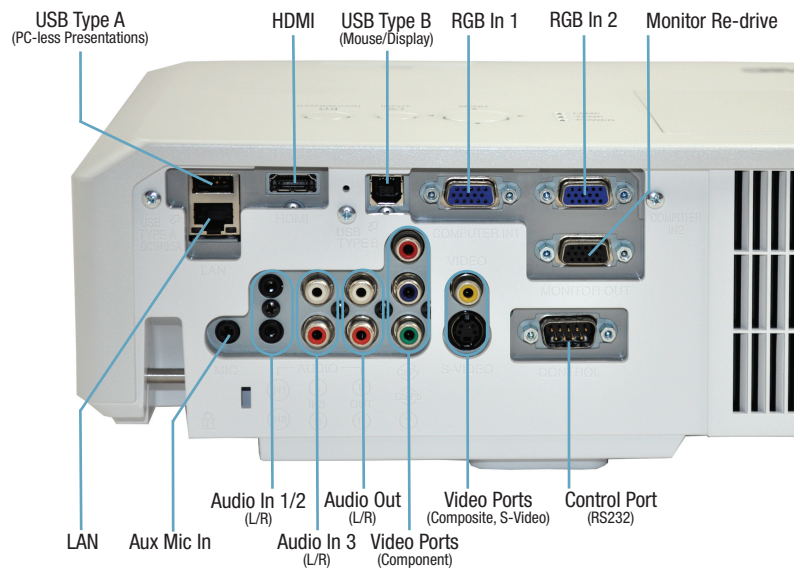


3M X31 Projector  
78-9236-7723-7

## Features

- 2700 lumens\*
- 2000:1 contrast ratio
- AutoVertical Keystone Adjustment
- Quick Start and Instant Off
- Network Control, Management and Presenting
- 16W Audio Out sound
- HDMI connectivity
- USB Display
- AMX Device Discovery
- Advanced Security Features
- Light weight: 3.6kg

\*Indicates maximum lumens rating



## Optical

### Resolution

Native: True XGA (1024 x 768)  
Maximum: UXGA (1600 x 1200)

### Imager set

0.63", P-Si TFT Panel

### Aspect Ratio

native 4:3, 16:9 and 14:9 letterbox

### Colors

16.7 million true colors (24 bit)

### Contrast Ratio

2000:1

### Brightness

2700 lumens (maximum), 2000 lumens (eco mode)

### Projection Lens

F1.67-1.91 (f=19-23mm)

### Vertical Lens Shift

9:1 Fixed

### Screen Size (range)

30-300 inches

### Zoom/Focus

Manual

### Zoom Ratio

1.2:1

### Throw Ratio (distance:width)

1.5:1 - 1.8:1

### Optional Lenses

NA

### Lamp

UHB 210W (normal mode), 140W (eco mode)

### Lamp Life\*

Up to 3000 hours (normal mode)

Up to 6000 hours (eco mode)

\* Lamp life may vary due to environment and usage.

Lamp brightness decreases over time.

## Size

### Dimensions (W x H x D)

12.5 x 3.9 x 11.3 in. (317 x 98 x 288mm)

### Weight

3.6kg

## Warranties

### Projector

3 years or 2500 hours

### Lamp

90 days or 180 hours

## PJLink™

Trademark PJLink is a trademark applied for trademark rights in Japan, the United States of America and other countries and areas.

## System Specifications

### Video Compatibility

NTSC, NTSC 4.43, PAL, PAL-M, PAL-N, SECAM

### SDTV/HDTV

525i (480i), 525p (480p), 625i (576i)/ 750p (720p@60Hz), 1125i (1080i@60Hz)

### Digital Keystone Correction

Vertical ±30 degrees

### Mouse Emulation

USB

### Audio

1 x 16 Watt

### Startup Screen

Customizable

### Noise Level

Normal 37dB; Eco 30dB

### Feature Set

Auto off, 4x digital magnification, image blank

### Horizontal Scan

31.5 - 106 kHz

### Vertical Scan

56 - 120 Hz

### Power Consumption

330W (Eco Stand-by) less than 1 watt

### Power Supply

AC 110~120V / 220~240V (50/60 Hz)

### Regulatory Approvals

UL, cUL, FCC Part 15 Subpart B, Class B, EN60950-1, CE

### Operating Temperature

41° - 95°F (5° - 35°C)

### Storage Temperature

-4° - 140°F (-20° - 60°C)

### Altitude

Sea level to 6000 ft. (1,829m)

## Technical Support

• Free unlimited software downloads and updates available on our website at [www.3m.com/meetings](http://www.3m.com/meetings)

## Connections

### Computer

Computer 1,2 15 pin HD-Sub – Analog Computer Input

USB Type B – Mouse Emulation

Monitor Out 15 Pin HD-Sub – Analog Computer Output

USB Type A – PC-Less Presentations

Control 9 Pin D-Sub – RS-232 Control Port

Audio in 1, 2 3.5mm Stereo mini jack – PC Audio input

### Video

HDMI – Digital Video and Audio

Component 3xRCA (Y, Cb/Pb, Cr/Pr) – Component Video input

S-Video 4 Pin Mini-Din – S-Video Input

Video RCA – Composite Video Input

Audio In 3, 2xRCA (red, white) – Right and Left Channel Input

Audio Out, 2xRCA (red, white) – Right and Left Channel Output

MIC 3.5mm stereo – Microphone Audio Input

### Wired LAN

Standard: 10 BASE-T / 100 BASE-TX

Connection: RJ-45

Featuring:

PJCtrl: Control a projector via the network

PJImg: Create MyImage file and send it to the projector

PJMan: Control multiple projectors via the network

PJMessenger: Transmit and display a message on a projector via the network

Liveviewer: Wireless presentations via the Lan

## Accessories Included

Network Control, Management and Presenting Software

Power cords (US, UK, Europe)

Remote control without laser (with AA batteries)

RGB cable

Multi-Language Operator's Guide CD

Lens cap

## Optional Accessories

Lamp replacement kit 78-6972-0008-3

Universal ceiling mount 78-6969-9874-5

Adjustable height extension 78-6969-9698-8

Screen Size Diagonal [inch (m)]	Image Size 4:3		Image Size 16:9	
	Projection Distance		Projection Distance	
	Min. [inch (m)]	Max. [inch (m)]	Min. [inch (m)]	Max. [inch (m)]
30" (0.8)	34" (0.9)	41" (1.0)	38" (1.0)	45" (1.1)
60" (1.5)	70" (1.8)	83" (2.1)	77" (1.9)	91" (2.3)
80" (2.0)	94" (2.4)	112" (2.8)	102" (2.6)	122" (3.1)
100" (2.5)	118" (3.0)	140" (3.6)	128" (3.3)	153" (3.9)
150" (3.8)	177" (4.5)	211" (5.3)	193" (4.9)	229" (5.8)
200" (5.1)	237" (6.0)	281" (7.1)	258" (6.6)	306" (7.8)
300" (7.6)	356" (9.0)	422" (10.7)	388" (9.9)	460" (11.7)

Note: These sizes are +10 percent. This is due to variations in the manufacture of the lens. If you are close to one of the endpoints you should verify with your unit that the image is the proper size at the proper distance.

[www.3m.com/meetings](http://www.3m.com/meetings)



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