



## 3M™ Digital Projector X64w

With its 2600 lumens\*, crisp video and data image display, the 3M Digital Projector X64w is ideal for business, education, multi-media and multi-purpose environments. Advanced features like wireless capability, personalized settings, Daytime Mode and theft deterrents, make the 3M X64w a great tool for presenting a professional image.



**Wireless Presentation:** With the wireless card you can get rid of network cable clutter and can control the projector from a remote network location.

**PC-Less Presentation:** Leave your laptop at home, just store your presentations to a SD memory card or USB memory stick. See details inside.



### Features

- XGA (1024 x 768) resolution
- 2600 lumens\*
- Quick Start and Instant Off
- Auto Vertical Keystone
- Input source naming
- 7W audio out sound
- Whiteboard, Blackboard and Daytime Modes
- IR Remote Frequency Change
- Resolutions Preset with auto picture adjust
- Easy-change top lamp door and side filters
- Multiple anti-theft security features
- 3 Year Standard Warranty

*\*indicates maximum lumens rating*





3M™ Digital Projectors deliver crisp and bright presentations that help capture the attention of the audience and leave a lasting impression. Using wireless and networking technology, 3M has taken digital projection to the next level for the business, education and organization environments.



## Wireless Projection

When a meeting or classroom requires multiple presenters, having the ability to display clear images without switching RGB cables between computers, puts the focus on the presentation instead of on the cables. With the 3M Digital Projector X64w, the wireless connectivity obtained with the included SD wireless card or the direct LAN connection, is the most hassle-free way to present. It's even possible to simultaneously project up to four images from wireless computers, allowing even more advanced and interactive presentations.

## PC-Less Presentations

By using an SD memory card or a USB memory device\*, you can present .jpg, .png, .bmp and mpeg4-SP files from the projector without being connected to a computer. This is an ideal feature for those who make mobile

presentations or for those who have security concerns about carrying their PC to different locations.

Just store your digital camera pictures on an SD card, or store .jpg data files on a USB memory device and insert either into the designated slot on the projector connection panel, and you're ready to display.

## PJ Management

With today's resource constraints and budget concerns, having the ability to manage projectors installed in different classrooms or conference rooms from a single computer is a great task management feature.

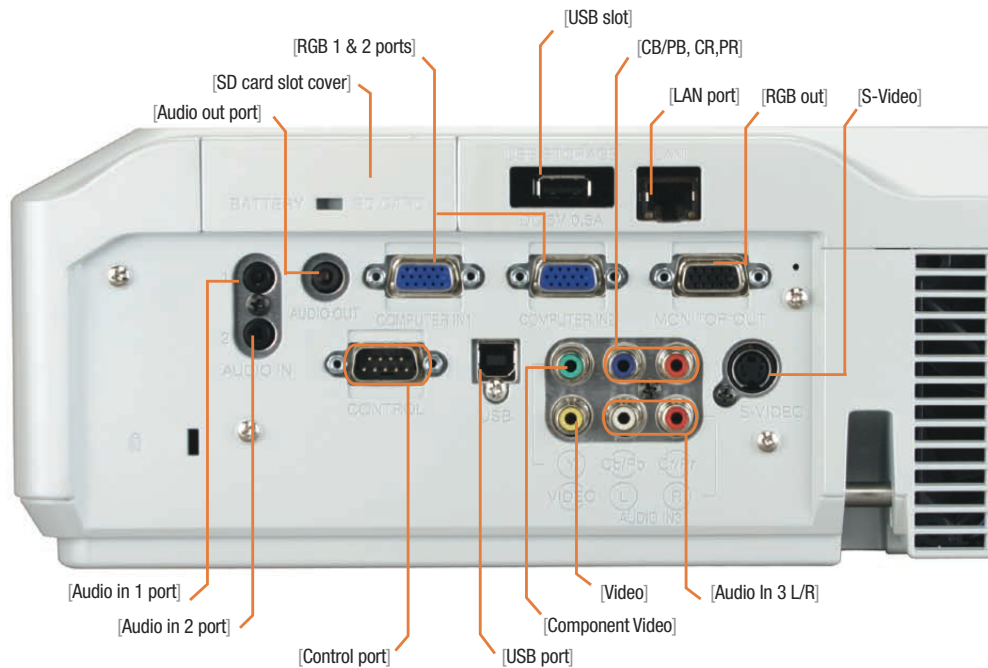
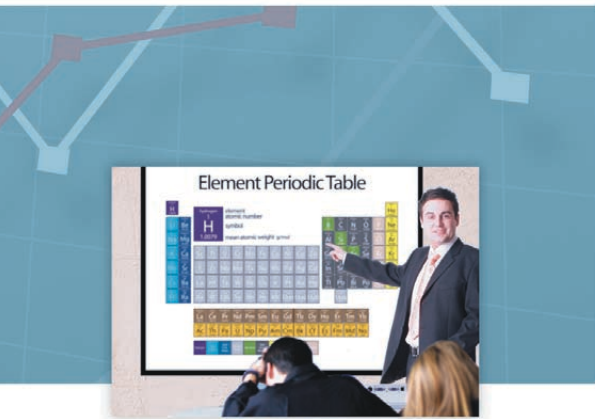
Using the LAN within your facility or business, the projectors in various rooms are linked to a single computer. The IT manager or AV pro is able to turn the projectors on and off in different rooms and perform various adjustments from the single control room computer. PJ Management allows the manager charged with asset management to receive the

Image Size 4:3		
Screen Size (Diagonal)	Projection Distance	
	Minimum (m)	Maximum (m)
30" (0.8)	35" (0.9)	57" (1.4)
60" (1.5)	71" (1.8)	86" (2.2)
80" (2.0)	95" (2.4)	115" (2.9)
100" (2.5)	119" (3.0)	144" (3.6)
150" (3.8)	179" (4.6)	216" (5.5)
200" (5.1)	239" (6.1)	288" (7.3)
300" (7.6)	359" (9.1)	432" (11.0)

Image Size 16:9		
Screen Size (Diagonal)	Projection Distance	
	Minimum (m)	Maximum (m)
30" (0.8)	39" (1.0)	47" (1.2)
60" (1.5)	78" (2.0)	94" (2.4)
80" (2.0)	104" (2.6)	125" (3.2)
100" (2.5)	130" (3.3)	156" (4.0)
150" (3.8)	195" (4.9)	235" (6.0)
200" (5.1)	261" (6.6)	314" (8.0)
300" (7.6)	391" (9.9)	471" (12.0)

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.

\* USB secure memory devices and USB hubs are not supported.



error status of all projectors by email. This allows for the lamps and filters to be changed promptly, extending the life of the projector and helping reduce unexpected downtime.

The projectors can be scheduled for individual or simultaneous on/off times, or can be changed from RGB to video as the input source. The IT manager can manage up to 500 projectors at one time.

## Control Options

**Web control:** To help make it easier on the featured presenter or speaker, control of the projector can be done directly from the computer, via the web, in the same fashion as PJ Management, without having to first download the software.

**PJ control:** An alternate method of controlling the projector can be done directly from the computer, via the network. Simply by operating a control bar on the computer's screen, you can directly control functions being used for a presentation like the brightness, contrast and more. The control bar on the computer provides easy to understand icons allowing for convenient operation of volume input sources, and other adjustments during the presentation.

## E-Shot

For special announcements, emergency information distribution, a unique sign in a hotel lobby or conference center, the downloadable E-shot software function can transmit up to four still pictures or files to a single projector connected via the local area network.

## Features

**Quick Start and Instant Off:** The image will appear in just 3 seconds after Power On and the unit can be instantly powered off after a presentation.

**Input source naming:** Change the name of any input to one of your own choosing for easier use (i.e. change "RGB Input" to "Computer" or "component" to "DVD".)

**Auto Vertical Keystone:** Automatically performs keystone correction for an ideal screen setting, simply by pressing the button.

**Resolutions preset:** Recognizes and resizes special resolutions, such as WXGA, and places them in the optimum position. User's own resolutions can also be stored as custom modes.

### Whiteboard, Blackboard and Daytime

**Modes:** Whiteboard Mode helps reduce peak white brightness of projection on a whiteboard, reducing annoying glare. Blackboard Mode helps provide better color balance when projecting onto a colored background. Daytime Mode allows the viewer to see vivid images, even in high-glare environments.

**Anti-theft security bar:** Serving as both a visible and actual deterrent, a steel security bar is connected to the chassis to help provide a strong anchor point for a lock chain.

**"My Screen" lock:** Users can personalize the start-up screen with a warning or ownership message and lock this screen with a pin code number.

**Transition detector:** Locks the projector from use if the projection angle or settings are changed from the installed position. Requires a user-set numeric code for reactivation.

## Optical

### Resolution

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

### Imager set

0.63", P-Si TFT x 3 without micro lens

### Aspect Ratio

4:3 native and 16:9 supported

### Colors

16.7 million true colors (8 bit)

### Contrast Ratio

500:1

### Brightness

2600 lumens (maximum rating)

### Projection Lens

F1.7-1.9 (f=20-23mm)

### Screen Size (range)

30-300 inches diagonal

### Zoom/Focus

Manual

### Zoom Ratio

1.2:1

### Optional Lenses

N/A

### Lamp

UHB 220W (normal mode), 175W (whisper mode)

### Lamp Life

2000 hours (normal mode)  
Up to 3000 hours (whisper mode)

### Size

#### Dimensions (W x H x D)

13.4 x 4.6 x 10.6 in. (340 x 270 x 117mm)

#### Weight

8.8 lbs (4.0kg)

### Warranties

For details on warranties see  
[www.3m.com/us/meetings/warranties](http://www.3m.com/us/meetings/warranties)

### Projector

3 years or 2500 hours usage standard

### Lamp

90 days or 180 hours with remainder of 1 year prorated

### Ultra Value Warranty Enhancement (optional)

Includes one free lamp, free loaner while unit is being repaired and expedited service.  
Not available outside U.S.

## 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  $\pm 30^\circ$

### Audio

7W audio output

### Startup Screen

Customizable

### Noise Level

Normal 35dB; Whisper 30dB

### Horizontal Scan

31.5-106kHz

### Vertical Scan

56-120Hz

### Power Consumption

350W

### Power Supply

Universal: 100-120V/220-240V, auto switching

### Regulatory Approvals

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

### Operating Temperature

41°-95°F (5°-35°C)

### Storage Temperature

-4°-140°F (-20°-60°C)

### Altitude

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

### Minimum System Requirements for Wireless Software

#### Software Requirements

Microsoft® Windows® XP Home Edition or Professional  
Windows 2000 Professional Service Pack 4  
Windows Vista Home Premium 32bit/Business 32bit  
Windows Vista Ultimate 32bit/Business 32bit

#### Hardware Requirements

Minimum RAM: 64MB - 2000 / 128M - XP

#### Hard Drive Space

20MB

#### CD-ROM Drive

### Technical Support

24/7 Technical Support by calling 800-328-1371

## Connections

### Computer

3 - RGB (2 inputs, 1 output)  
1 - USB mouse emulation  
1 - Serial control

### Video

1 - Composite  
1 - S-Video  
1 - Component  
2 - Video/Audio (1 input, 1 output\*)

### Audio in/out

3 - Video Audio (2 inputs, 1 output\*)

\*Audio Output is shaded with Computer and Video Inputs

### Wired LAN

Standard: 10/100 BASE-T

Connection: RJ-45

### Wireless LAN

Standard: IEEE 802.11b/g

Wireless interface: SD wireless card 802.11b/g

Operation range: up to 150 ft (46m)

Frequency range: 2.4GHz to 2.48GHz

Channels: 1 to 10

Security: WEP (64/128 bit), WPA-PSK/PSK2 (TKIP/AES)

### Accessories Included

SD wireless card 802.11b/g

SD slot cover lock

Application software CD (MIU Live Viewer)

Power cords (US, UK, Europe)

VGA/RGB cable

RCA audio/visual cable

RCA component cable

USB Cable

Remote control (with AA batteries)

Quick Start Guide/Safety manual

Multi-language Operator's Guide CD

Soft side carry case

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

### Optional Accessories

Ultra Value Enhanced Warranty

(X64w) *U.S. Only*

78-6969-9925-5

Lamp Replacement Kit (X64w)

78-6969-9917-2

Ceiling Mount

78-6969-9860-4

Universal Ceiling Mount

78-6969-9874-5

Soft Rolling Bag

78-6969-9906-5

800.328.1371 | [www.3m.com/meetings](http://www.3m.com/meetings)

Specifications subject to change without notice.

Hg—LAMP CONTAINS MERCURY. Manage in accordance with disposal laws. See [www.lamprecycle.org](http://www.lamprecycle.org) or call 1-800-328-1371(USA), 1-800-364-3577 (Canada). For product disposal see [www.eiae.org](http://www.eiae.org) (USA) or [www.epsc.ca](http://www.epsc.ca) (Canada).

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### Warranty; Limited Remedy; Limited Liability

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