



3M™ Digital Projector X95

If your projection needs call for maximum brightness to fill a large room but still reach the audience, the 3M Digital Projector X95 is the one to see. Boasting 5000 lumens*, this XGA projector is ideal for larger boardrooms, classrooms, and auditoriums. Lens shift capabilities make for easy placement in virtually any room, and the multiple security features give you peace of mind that your assets are protected.



Optional 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
- 5000 lumens*
- Wired LAN
- Optical zoom
- Quick Start and Instant Off
- Auto Vertical Keystone
- Input source naming
- 3 Year Standard Warranty
- Horizontal and vertical lens shift
- Whiteboard, Blackboard and Daytime Modes
- PC-less presentations using:
 - USB slot
 - SD wireless card slot
- Anti-theft security
- Free downloadable software

SRS WOW Hear audio the way it was intended – with amazing highs, full bass from the lows and realistic immersion. SRS WOW improves audio dynamics, and perception of low frequency bass and will make your presentations command attention.

*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.



Optional Wireless Connectivity

When a meeting or classroom requires multiple source presenters, displaying clear images without switching RGB cables between computers, puts the focus on the presentation instead of the cabling and connection issues. With the 3M Digital Projector X95, the wireless connectivity obtained with the optional 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 a 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 ideal for those who give mobile

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

Just store files like 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

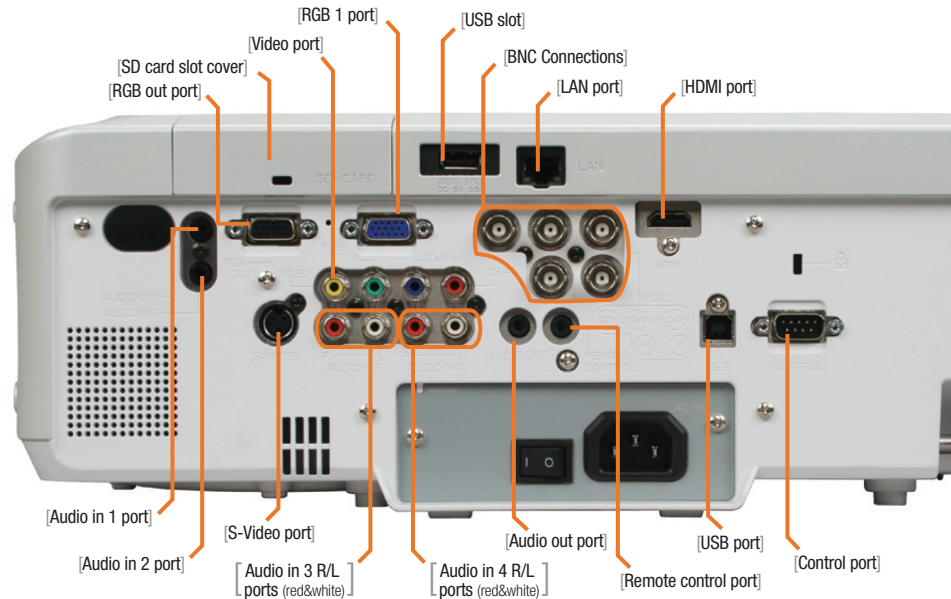
With today's business resource constraints and budget concerns, having the ability to manage projectors installed in different classrooms or conference rooms from a single computer is a great task management feature.

Using the local area network within your facility or business, the projectors in various rooms are linked to a single computer. The IT manager 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 and maintenance to

Screen Size Diagonal [inch (m)]	Image Size 4:3 Projection Distance	
	Minimum [inch (m)]	Maximum [inch (m)]
40" (1.0)	47" (1.2)	57" (1.4)
60" (1.5)	71" (1.8)	86" (2.2)
100" (2.5)	120" (3.0)	144" (3.7)
150" (3.8)	181" (4.6)	217" (5.5)
200" (5.1)	241" (6.1)	291" (7.4)
300" (7.6)	363" (9.2)	437" (11.1)

Screen Size (Diagonal)	Image Size 16:9 Projection Distance	
	Minimum (m)	Maximum (m)
40" (1.0)	51" (1.3)	62" (1.6)
60" (1.5)	78" (2.0)	94" (2.4)
100" (2.5)	131" (3.3)	157" (4.0)
150" (3.8)	197" (5.0)	237" (6.0)
200" (5.1)	263" (6.7)	317" (8.0)
300" (7.6)	395" (10.0)	476" (12.1)

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.



receive the 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.

PJ Control

To help make it easier on the presenter or speaker, control of the projector can be done directly from the computer, via the network. Simply by operating a control bar on the computer screen, you or one of your associates can directly control functions being used for a presentation like the brightness, contrast, sharpness, aspect ratio, blank function on/off, and mute function on/off. 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

0.8", P-Si TFT panel

Aspect Ratio

4:3 native and 16:9 letterbox supported

Colors

16.7 million true colors (24 bit)

Contrast Ratio

1000:1

Brightness

5000 lumens (maximum rating)

Projection Lens

F1.7-1.9 (f=24-29mm)

Lens Shift

1:1 to 9:1 (vertical); 6:4 to 4:6 (horizontal)

Throw Ratio (Distance: Image Width)

1: 1.5 - 1:1.8

Screen Size (range)

30-350 inches diagonal

Zoom/Focus

Manual

Zoom Ratio

1.2:1

Optional Lenses

Short Throw Lens: throw ratio 1.2 - 2.0

Long Throw Lens: throw ratio 1.9 - 3.9

Ultra Long Throw Lens: throw ratio 3.9 - 7.4

Lamp

UHB 275W (normal mode), 220W (whisper mode)

Lamp Life

2000 hours (normal mode)

Up to 3000 hours (whisper mode)

Size

Dimensions (W x H x D)

16.5 x 5.5 x 12.6 in. (418 x 139 x 319mm)

Weight

15.8 lbs (7.19kg)

Warranties

For details see www.3m.com/meetings/warranties

Projector

3 Years Standard

Lamp

90 days or 180 hours with remainder of 1 year prorated

Ultra Value Warranty Enhancement (optional)

Includes 1 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 $\pm 40^\circ$; Horizontal $\pm 20^\circ$

Audio

4 x 4W SRS WOW™ Technology

Startup Screen

Customizable

Noise Level

Normal 39dB; Whisper 33dB

Horizontal Scan

31.5-106kHz

Vertical Scan

56-120Hz

Power Consumption

460W

Power Supply

Universal: 100-120V/220-240V, 50/60Hz

Regulatory Approvals

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

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

- Free unlimited software downloads and updates available on our website at www.3m.com/meetings
- 24/7 Technical Support by calling 800.328.1371

Connections

Computer

RGB1 15 pin HD - sub-analog computer input
RGB2 5xBNC - analog computer/component input
USB USB Type B - Mouse Emulation
USB Control 15 Pin HD - sub-analog computer output
RGB Output 9 Pin D - sub-RS-232 control port
LAN RJ45 - wired LAN
SD Card SD Card slot - SD memory card or SD wireless LAN card
USB Type A - USB memory stick

Video

HDMI 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

Audio In 1, 2 3.5mm stereo mini jack - PC audio input
Audio Out* 3.5mm stereo mini jack - audio output
Audio In 3, 4 2xRCA (red, white) - right and left channel audio input

*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

Power cords (US, UK, Europe)

VGA/RGB cable

Remote control (with batteries)

Application software CD (MIU LiveViewer)

Multi-language operator's guide CD

SD slot cover lock

Free unlimited software downloads and updates available on our website at www.3m.com/meetings

Optional Accessories

Ultra Value Enhanced Warranty

(X95w) U.S. only 78-6969-9932-1

SD wireless card 802.11b/g 78-6969-9931-3

Lamp replacement kit (X95w) 78-6969-9930-5

Ceiling mount 78-6969-9905-7

Universal ceiling mount 78-6969-9874-5

Soft rolling bag 78-6969-9906-5


Short Throw Lens 78-6969-9890-1

Long Throw Lens 78-6969-9891-9

Ultra Long Throw Lens 78-6969-9892-7

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3M

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