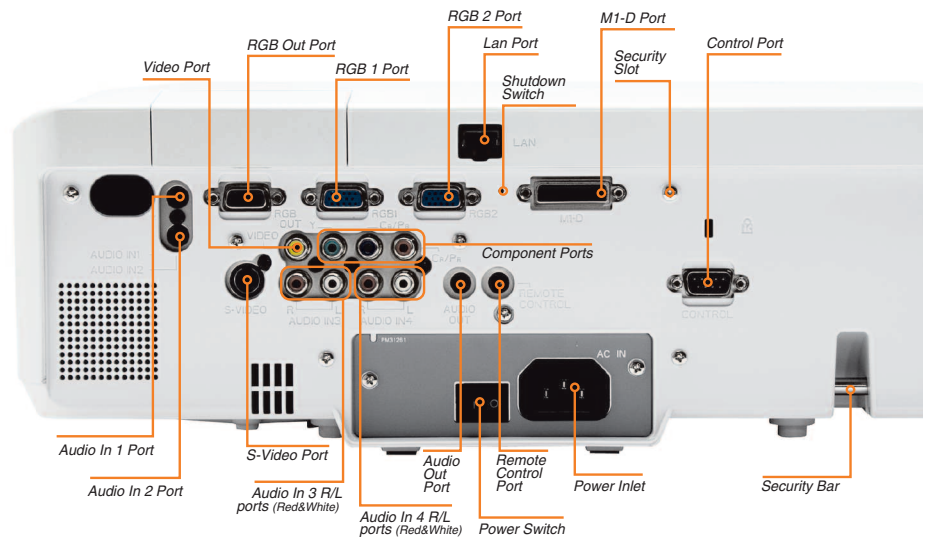


3M™ Digital Projector X90

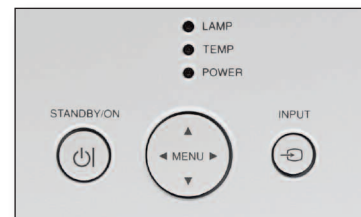


With its 4000 ANSI lumens (maximum), crisp video and data image display and wide selection of connectors, the 3M™ Digital Projector X90 is ideal for boardrooms, classrooms, multi-media and multipurpose environments. Advanced features like personalized settings, video enhancements and anti-theft deterrents, make the 3M X90 a great tool for presenting a professional image.



Features

- 4000 ANSI lumens (maximum)
- Wired LAN
- Optical Zoom
- Full Connectivity
- Quick Start and Instant Off
- Auto Vertical Keystone
- Input source naming
- SRS WOW™ Sound
- *My Screen, My Memory, My Button* personalized settings
- Whiteboard and Blackboard modes
- Anti-Theft Deterrents:
 - Security Bar
 - PIN-Lock
 - *My Screen Lock*
 - Transition Detector
- Free Downloadable Software
- Picture Freeze, Image Blank and Magnify (4x)



- 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.

1-800-328-1371
www.3m.com/meetings



3M™ Digital Projector X90 Specifications & Accessories

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 supported
Colors:	16.7 million true colors (24 bit)
Brightness:	4000 lumens (maximum rating)
Contrast Ratio:	1000:1
Projection lens:	F1.7-2.1, (f=24-29mm)
Lens Shift:	1:1 to 9:1 (vertical); 6:4 to 4:6 (horizontal)
Screen Size (range):	30-350 inches diagonal
Zoom / Focus:	Manual
Zoom Ratio:	1.2:1
Optional Lenses:	Short Throw, Long Throw & Ultra Long Throw
Lamp:	UHB 285W (Normal Mode), 228W (Whisper)
Lamp Life:	2000 hours (Normal Mode) Up to 3000 hours (Whisper Mode)

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: ±40° Horizontal: ±20°
Audio:	4 x 4W
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, WEEE
Operating temperature:	41°-95°F (5°-35°C)
Storage temperature:	-4°-140°F (-20°-60°C)
Altitude:	Sea level to 6000 ft. (1,829m)

Size

Dimensions (W x H x D):	16.5 x 5.5 x 12.6 in. (418 x 139 x 319mm)
Weight:	15.6 lbs / 7.1kg

Warranties

See www.3m.com/us/meetings/warranties for details on warranties.

Projector:	3 Years Standard
Lamp:	90 days or 180 hours Remainder of 1 Year Prorated
Ultra Value Warranty Enhancement:	Includes free lamp, free loaner while unit is being repaired and expedited service. Not available outside U.S.

Minimum System Requirements

Software Requirements:	Microsoft® Windows® XP Home Edition or Windows 2000 Professional
Hardware Requirements:	Minimum RAM: 64MB - 2000 / 128M - XP
Hard Drive Space:	10MB
CD:	CD-ROM Drive

Connections

Computer

- 3 - Analog RGB (2 inputs, 1 output)
- 1 - Digital RGB (1 input = M1-D)
- 1 - USB Mouse (M1-D)
- 1 - Serial Control
- 1 - Network Port

Wired LAN

- Standard: 10 BASE-T / 100 BASE-TX
- Connection: 1 - RJ-45

Video

- 1 - Composite (RCA Jack)
- 1 - S-Video (Mini-Din 4 pin)
- 1 - Component (RCA Jacks x3)

Audio in/out

- 2 - RCA Audio Ins (Red RCA/White RCA)
- 2 - Mini Stereo Jack Ins
- 1 - Mini Stereo Jack Out

Accessories Included

- Power Cords (US, UK, Europe)
- VGA/RGB Cable
- Wireless Remote Control with laser pointer
- Multi-language Operator's Guide CD
- Free unlimited software downloads and updates available on our website at www.3m.com/meetings

Optional Accessories

- Ultra Value Enhanced Warranty (WX90) [U.S. Only] 78-6969-9907-3
- Lamp Replacement Kit (LKX90) 78-6969-9893-5
- Ceiling Mount (CM X90) 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

Technical Support

- Free unlimited software downloads and updates available on our website at www.3m.com/meetings
- Toll-free 24/7 Technical Support by calling 800-328-1371

Screen Size (Diagonal)	Image Size 4:3		Image Size 16:9	
	Projection Distance		Projection Distance	
	Minimum (m)	Maximum (m)	Minimum (m)	Maximum (m)
40" (1.0)	47" (1.2)	57" (1.4)	51" (1.3)	62" (1.6)
60" (1.5)	71" (1.8)	86" (2.2)	78" (2.0)	94" (2.4)
100" (2.5)	120" (3.0)	144" (3.7)	131" (3.3)	157" (4.0)
150" (3.8)	181" (4.6)	217" (5.5)	197" (5.0)	237" (6.0)
200" (5.1)	241" (6.1)	291" (7.4)	263" (6.7)	317" (8.0)
300" (7.6)	363" (9.2)	437" (11.1)	395" (10.0)	476" (12.1)

Specifications subject to change without notice.

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3M Visual Systems

Building A 147-5N-01
6801 River Place Blvd.
Austin, TX 78726-9000

3M Canada

P.O. Box 5757
London,
Ontario, Canada
N6A 4T1

3M Mexico, S.A. de C.V.

Apartado Postal 14-139
Mexico, D.F. 07070
Mexico

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