

3M™ Digital Projector X70



- Integrated networking
- Now you can get top performance!
- 3,500 Lumens
- Recommended for medium to larger sized rooms.
- Perfect for most computer and video applications.



CONNECTIONS

COMPUTER

- RGB (x1 input, x1 output)
- Computer (M1-D)
- Audio (x2 input, x1 output)
- BNC (Computer)
- RJ-45 connection for networking capability

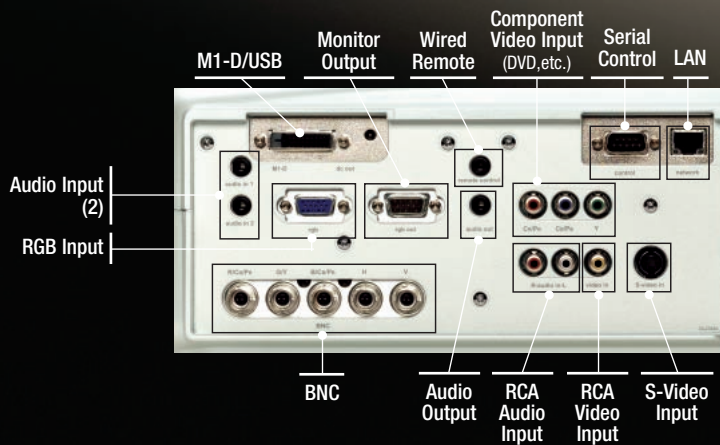
VIDEO

- Video Audio
- Composite Video
- Component Video
- S-Video (x1)
- BNC (Video)

BASIC SPECS

- **X70:** 3500 lumens
- XGA (1024x768)
- 17 lbs / 7.7 kg
- Horizontal and Vertical Digital keystone
- HDTV ready
- Networking Capability with email notification
- 2000 hour lamp life
- Video noise filters

X70 Order Number: 78-9236-6822-8



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

3M Innovation

3M™ Digital Projector X70



OPTICAL

- Brightness: typical : **X70:** 3500 lumens (2800 whisper mode)
- Imager set: 0.99" Polysilicon LCD
- Resolution (native): XGA (1024x768 pixels)
- Resolution (maximum): UXGA (1600x1200 pixels)
- Aspect ratio: 4:3 native, 16:9
- Colors: 16.7 million
- Screen size (range): 40-500 inches
- Zoom / Focus: Power
- Zoom ratio: 1.5: 1
- Projection lens: F (focal length): (1.7-2.4) (f =31-46 mm)
- Throw ratio: 1 : 1.5 ~ 2.2
- Optional lenses: Long throw, short throw (see optional accessories)
- Contrast ratio (peak): 750:1
- Lamp: W, Type: 275w UHB
- Lamp life (average): 2000

FEATURES

- Video compatibility: NTSC, NTSC 4.43, PAL, PAL-M, PAL-N, SECAM
- HDTV: 480i, 480p, 525i, 525p, 720p, 1080i
- Keystone Correction: Horizontal: ±5° Vertical: ±15°
- Networking capability built into projector through RJ45 connection
- Audio: 2x 1w
- Startup Screen: Customizable
- Picture in picture: Yes
- Noise level: normal (whisper): 40 (36) dB
- Feature set: Auto off, 4x digital magnification, blank, mouse emulation, timer
- Remote Control ID

TECHNICAL SPECS

- Horizontal scan: 31.5 - 91 kHz
- Vertical scan: 60 - 120 Hz
- Power consumption: 430w
- Power supply: Universal: AC90~/32V/198~264V, 50/60 Hz
- Regulatory approvals: UL, cUL, FCC Part 15 Class B, CE, TUV, EN60950
- Operating temperature: 32 - 95 F (0 - 35 C)
- Storage temperature: -4 - 140 F (-20 - 60 C)

SIZE

- Dimensions (W x H x D): 16.5 x 6.3 x 13.2 in. (420 x 160 x 336 mm)
- Weight: 17lbs / 7.7 kg

WARRANTIES

- Projector: 3 Years Standard
- Ultra Value Warranty available—includes free lamp and free loaner while unit is repaired and expedited service.
- Lamp: 1 Year Prorated

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78-6970-8580-7

(5.04.15m)tg Rev. A

ACCESSORIES INCLUDED

- Power Cords (x3 - US, UK, Euro)
- RGB computer cable
- Full function remote control w/ laser pointer
- RCA™ audio & video cable
- Multilanguage Quick Start Guide
- Multilanguage Operator's Guide CD
- MI-D Cable

OPTIONAL ACCESSORIES

- Ultra Value Warranty WX70 (WX70) 78-6969-9708-5
- Lamp for X70 (LKX70) 78-6969-9718-4
- Ceiling Mount, (CM70) 78-6969-9697-0
- 26-47" Adjustable Extension for Ceiling Mount (HE100) 78-6969-9698-8
- ATA Rolling Hard Shipping Case (EP1545) 78-6969-8925-6
- Soft Rolling Luggage Case Projector & Notebook Computer (EP1555) 78-6969-8926-4
- 3M™ Digital Projector X70 with Long Throw Lens (X70L), 78-9236-6823-6
Throw ratio: 1 : 2.2 ~ 4.1
- 3M™ Digital Projector X70 with Short Throw Lens (X70S), 78-9236-6834-3
Throw ratio: 1 : 1.1 ~ 1.5

PROJECTION DISTANCE CHARTS — 3M X70				
<i>Distance to Screen</i>		<i>Screen Size</i>		
Minimum	Maximum	Diagonal	Width	Height
3.92ft. 1.2m	5.92ft. 1.8m	40in. 101.6cm	32in. 81.3cm	24in. 61.0cm
7.83ft. 2.4m	12.17ft. 3.7m	80in. 203.2cm	64in. 162.6cm	48in. 121.9cm
9.83ft. 3.0m	15.08ft. 4.6m	100in. 254.0cm	80in. 203.2cm	60in. 152.4cm
15.08ft. 4.6m	22.67ft. 6.9m	150in. 381.0cm	120in. 304.8cm	90in. 228.6cm
20.33ft. 6.2m	30.17ft. 9.2m	200in. 508.0cm	160in. 406.4cm	120in. 304.8cm
25ft. 7.6m	38ft. 11.6m	250in. 635cm	200in. 508.0cm	150in. 381.0cm
31ft. 9.4m	46ft. 14m	300in. 762.0cm	240in. 609.6cm	180in. 457.2cm
36ft. 11m	53ft. 16.2m	350in. 889.0cm	280in. 711.2cm	210in. 533.4cm
41ft. 12.5m	61ft. 18.6m	400in. 1016.0cm	320in. 812.8cm	240in. 609.6cm
51ft. 15.5m	76ft. 23.2m	500in. 1270cm	400in. 1016.0cm	300in. 762.0cm

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.

Projection distance charts for X70 long throw and X70 short throw lens are available at www.3m.com/meetings.

Important Notice

Before using this product, you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use.

Warranty; Limited Remedy; Limited Liability

This product will be free from defects in material and manufacture for three years from the date of purchase. 3M MAKES NO OTHER WARRANTIES OR CONDITIONS INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. If this product is defective within the warranty period, your exclusive remedy shall be, at 3M's option, to replace or repair the 3M product. Except where prohibited by law, 3M will not be liable for any loss or damage arising from this 3M product, whether direct, indirect, special, incidental or consequential regardless of the legal theory asserted.

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