3M™ Multimedia Projector
MP8649

Value workhorse

Great performance for education
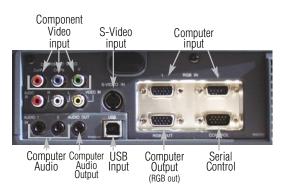
Use it at the front of the room with the built-in wide angle lens

Ideal for medium size meetings

CONNECTIONS

COMPUTER
> RGB (x2 input)
   (x1 output)
> Audio (x2 input)
   (x1 output)
> Serial Control

VIDEO
> Component (3)
> S-Video
> RCA Composite
> RCA Audio (L,R)
> Mouse Emulation (USB x1)

Component Video input
S-Video input
Computer input

Computer Audio
Computer Audio Output
USB Input
Computer Output (RGB out)
Serial Control

BASIC SPECS

> **2200 lumens**

> **7.0 lbs / 3.2 kg**

> **SVGA (800x600) resolution**

> **400:1 Contrast ratio**

> **Digital keystone**

> **Whisper mode**

> **HDTV ready**

WARRANTY

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 a period of 3 years from the date of purchase. 3M MAKES NO OTHER WARRANTIES INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. If this product is defective within the warranty period stated above, your exclusive remedy shall be, at 3M's option, to replace or repair the 3M product or refund the purchase price of 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.

1-800-328-1371

www.**3M.com/meetings**

3M *Presentation Solutions*

OPTICAL

> Brightness: typical (whisper mode): 2200(1800)lumens

> Imager set: 0.9" Polysilicon LCD

> Resolution (native): SVGA (800x600)pixels

> Resolution (maximum): SXGA (1280x1024)pixels

> Aspect ratio: 4:3 native, 16:9

> Colors: 16.7 million

> Screen size (range): 30-300 inches

> Zoom / Focus: Manual

> Zoom ratio: 1.2: 1

> Projection lens: F (focal length): 1.7-2.1 (f =27.3 -32.8mm)

> Optional lenses: No

> Contrast ratio (on/off): 400:1

> Lamp: W, Type: 200w UHB

> Lamp life (average): 2000

ELECTRICAL

> Video compatibility: NTSC, NTSC 4.43, PAL, PAL-M, PAL-N, SECAM

> HDTV: 480i, 480p, 525i, 525p, 720p, 1080i

> Keystone Correction: Vertical, -15˚ to +15˚

> Audio: 2 x 1w

> Startup Screen: Standard

> Picture in Picture: No

> Noise level: normal (whisper): 41 (35)dB

> Feature set: Auto off, 4x digital magnification, blank, mouse emulation(optional)

> Horizontal scan: 15-80 kHz

> Vertical scan: 50-120 Hz

> Power consumption: 310w

> Power supply: Universal: 90-264V AC, 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 (WxDxH): 11.7x 9 x 3 in.(298x 228x 76mm)

> Weight: 7.0 lbs / 3.2 kg

WARRANTIES

> Projector: 3 Years Standard

> Lamp: 1 Year Prorated

ACCESSORIES INCLUDED

> Power Cords (x3 - US, UK, Euro)

> RGB computer cable

> Slim remote control

> RCA audio & video cable

> Component video cable

> Multilanguage Quick Start Guide

> Multilanguage Operator's Guide CD

> Handle strap

OPTIONAL ACCESSORIES

> Lamp (EP8749LK) 78-6969-9464-5

> Ceiling Mount, Gyrolock style (EP8746CM) 78-6969-9261-5

> 26-47" Adjustable Extension for GyroLock Style Ceiling Mount (EPGyroExt) 78-6969-9564-2

> Soft Carry Case with Shoulder Strap - Projector & Notebook Computer (EP7640CC) 78-6969-9203-7

> Rolling Hard Shipping Case (EP8746SC) 78-6969-9259-9

Projection Distance Chart - MP8649

Distance to Screen		Screen Size		
Min.	Max	Diagonal	Width	Height
3.92 ft. 1.2 m	4.58 ft. 1.4 m	40 in. 101.6 cm	32 in. 81.3 cm	24 in. 61.0 cm
5.92 ft. 1.8 m	7.25 ft. 2.2 m	60 in. 152.4 cm	48 in. 121.9 cm	36 in. 91.4 cm
7.92 ft. 2.4 m	9.5ft. 2.9 m	80 in. 203.2 cm	64 in. 162.6 cm	48 in. 121.9 cm
9.83 ft. 3.0 m	11.83 ft. 3.6 m	100 in. 254.0 cm	80 in. 203.2 cm	60 in. 152.4 cm
11.83 ft. 3.6 m	14.42 ft. 4.4 m	120 in. 304.8 cm	96 in. 243.8 cm	72 in. 182.9 cm
14.75 ft. 4.5 m	17.75 ft. 5.4 m	150 in. 381.0 cm	120 in. 304.8 cm	90 in. 228.6 cm
20 ft. 6.1 m	24 ft. 7.3 m	200 in. 508.0 cm	160 in. 406.4 cm	120 in. 304.8 cm

Specifications subject to change without notice.
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