

3M™ Digital Projector S20



DESIGN BY

pininfarina

Official Designer of Ferrari for over 50 years.

- A brilliant 1600 lumens!
- A stunning design to make you look your best!
- Swivel base makes setting up simple.
- Great for medium to large conference rooms.



CONNECTIONS

COMPUTER

- Mini Stereo
- RGB
- Serial Control
- PC Audio
- USB (mouse)
- RGB Out
- Stereo Audio Out

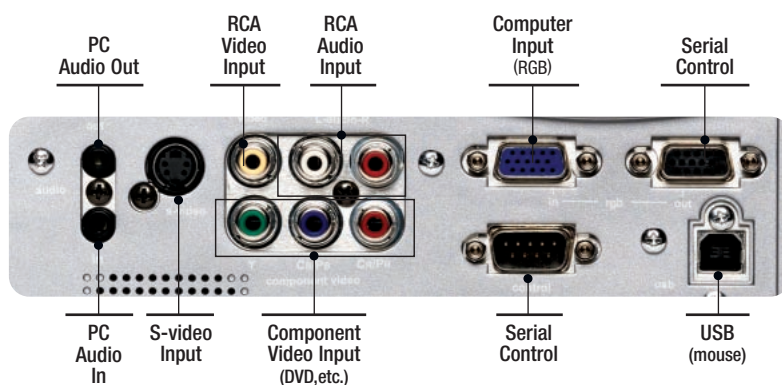
VIDEO

- Component Video
- S-Video
- RCA Composite
- RCA Audio (L,R)

BASIC SPECS

- 1600 lumens
- SVGA (800x600)
- 6.9 lbs / 3.14 kg
- 250:1 Contrast ratio
- Vertical Digital keystone
- HDTV ready

S20 Order Number: 78-9236-6832-7



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

3M Innovation

3M™ Digital Projector S20



OPTICAL

- Brightness: typical : 1600 lumens (1300 whisper mode)
- Imager set: 0.55" Polysilicon LCD
- Resolution (native): SVGA (800x600 pixels)
- Resolution (maximum): UXGA (1600x1200 pixels)
- Aspect ratio: 4:3 native, 16:9
- Colors: 16.7 million
- Screen size (range): 30-301 inches
- Zoom / Focus: Manual
- Zoom ratio: 1.2 : 1
- Projection lens: F (focal length): (1.6-1.8) (f =16.8-20.1 mm)
- Optional lenses: No
- Contrast ratio (peak): 250:1
- Lamp: W, Type: 160w 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
- Digital Keystone Correction: Vertical, ±10°
- Audio: 1 x 1w
- Noise level: normal (whisper): 35 (29) dBA
- Feature set: Auto off, 4x digital magnification, blank, mouse emulation
- Horizontal scan: 31-91 kHz
- Vertical scan: 56-120 Hz
- Power consumption: 220w
- Power supply: Universal: 90-132 AC / 198-264 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 (W x H x D): 13 x 4.2 x 9.6 in. (329 x 107 x 243 mm)
- Weight: 6.9 lbs / 3.14 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

ACCESSORIES INCLUDED

- Power Cords (x3 - US, UK, Euro)
- RGB computer cable
- Component video cable
- Remote control
- Multilanguage Quick Start Guide
- Multilanguage Operator's Guide CD
- Soft side bag

OPTIONAL ACCESSORIES

- Lamp for S20 (LKS20) 78-6969-9743-2
- Mouse Emulation Kit (EP7640MK) 78-6969-9233-4
- Ceiling Mount, Gyrolock style (CM10) 78-6969-9694-7
- 26-47" Adjustable Extension for GyroLock Style Ceiling Mount (HE100) 78-6969-9698-8
- Soft Side Case with Shoulder Strap - Projector & Notebook Computer (CC10/40/50) 78-6969-9715-0
- ATA Rolling Hard Shipping Case (HSC10/40/50) 78-6969-9717-6
- Soft Rolling Luggage Case (Projector & Notebook Computer) (SSC10/40/50) 78-6969-9716-8

PROJECTION DISTANCE CHARTS — 3M S20

Distance to Screen		Screen Size		
Minimum	Maximum	Diagonal	Width	Height
3.92ft. 1.2m	4.6ft. 1.4m	40in. 101.6cm	32in. 81.3cm	24in. 61.0cm
5.92ft. 1.8m	7.08ft. 2.2m	60in. 152.4cm	48in. 121.9cm	36in. 91.4cm
7.87ft. 2.4m	9.5ft. 2.9m	80in. 203.2cm	64in. 162.6cm	48in. 121.9cm
9.8ft. 3m	11.81ft. 3.6m	100in. 254.0cm	80in. 203.2cm	60in. 152.4cm
11.92ft. 3.6m	14.4ft. 4.4m	120in. 304.8cm	96in. 243.8cm	72in. 182.9cm
15ft. 4.6m	18ft. 5.5m	150in. 381.0cm	120in. 304.8cm	90in. 228.6cm
20ft. 6.1m	24ft. 7.3m	200in. 508.0cm	160in. 406.4cm	120in. 304.8cm

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.

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 time specified on product packaging from the date of purchase (length of warranty period varies by region). 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.

3M Visual Systems Division

Building A145-5N-01
6801 River Place Blvd.
Austin, TX 78726-9000

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

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

3M Canada

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

Litho in U.S.A. © 3M 2004

78-6970-8597-1

(07.04.m)tg Rev. A

1-800-328-1371

www.3m.com/meetings

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

Specifications subject to change without notice.

3M is a trademark of 3M Company. Used under license in Canada. All other trade names referenced are the service marks, trademarks, or registered trademarks of their respective companies.

3M Innovation