MT1050, MT1055 and MT850

Eco-Mode™ technology extends lamp life up to 2500 hours

Exclusive VORTEX Technology™ for bold, colorful image display with unmatched clarity & detail

Flexible menu system can be customized to individual needs

One touch setup for ease of use

Lens options for adaptability

Rule the Room
MultiSync® MT50 Series Projectors

Watch your presentations come to life with the MultiSync MT50™ Series projectors, the superior choice in conference room projectors.

Whether used in conference room, classroom applications or permanently installed, when it's time to give your presentation, don't settle for anything less than the powerhouse MT50 Series projectors. Delivering a unique combination of features, you are not limited on where and how you can use the MT850, MT1050 and MT1055 projectors. With fixed and short throw zoom lens options, exclusive VORTEX Technology™ for superior image quality, Advanced AccuBlend™ resolution enrichment technology and AutoSense™ intuitive, one-touch operation and setup, the MT50 Series takes your presentation to the next level.

The MT50 Series projectors are also brighter than ever, projecting up to 2600 ANSI lumens for excellent visual display even in fully lit conference rooms or classrooms. And with our exclusive Eco-Mode™ technology, you are able to increase lamp life while still delivering powerful impact to your presentation.
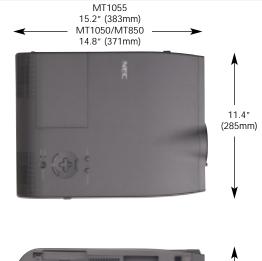
The MT50 Series is covered by NEC Technologies industry-leading service programs. InstaCare® provides projector repair and return within three business days or next business day replacement. When overnight isn't fast enough, NEC offers InstaCare XpressSM. TravelCareSM provides service coverage for the international traveler.

Solutions with Vision

MT1050, MT1055 and MT850

MT1055
15.2" (383mm)
MT1050/MT850
14.8" (371mm)

11.4" (285mm)

4.9" (125mm)

Supplied Remote

Lenses

Lamp

Special Features

VORTEX Technology	Provides improved uniformity, color, depth and detail for data and video images
Advanced AccuBlend	Ensures detailed images when non-native resolution sources are connected to the projector.
AutoSense	Automatic set-up and one touch adjustments for ease of use
Eco-Mode	Increase lamp life through light output manipulations
Built-in Presentation Viewer	Download your presentation onto a PC Card and present directly from the projector
Image magnification	64-step magnification with location control
Chalkboard™	When a USB mouse is connected the presenter can make on screen annotations

VORTEX TECHNOLOGY™

InstaCare™   **InstaCare Xpress**℠   **TravelCare**™

For more information, call (800) NEC-INFO
or visit http://mt50.nectech.com

NEC Technologies and the NEC logos are registered trademarks of NEC Technologies, Inc. All products and technologies mentioned are trademarks or registered trademarks of their respective manufacturers.

NEC Technologies, Inc.
1250 N. Arlington Heights Rd., Suite 500
Itasca, IL 60143-1248
www.nectech.com

Optical

LCD Panel	MT1055 - 1.3" p-Si TFT w/ MLA
	MT1050 - 1.3" p-Si TFT
	MT850 - 1.3" p-Si TFT
Resolution	MT1055/MT1050 - 1024x768 pixels native, up to UXGA with Advanced AccuBlend
	MT850 - 800x600 pixels native, up to SXGA with Advanced AccuBlend
Lens	Manual zoom and Manual focus
	MT1055 - F1.8-2.2, f=49.3-59.3mm
	MT1050 - F2.3-2.7, f=48.6-58.4mm
	MT850 - F2.3-2.7, f=48.6-58.4mm
Light Output (ANSI rated)	MT1055 2600/2000 std/eco
	MT1050 2100/1600 std/eco
	MT850 1700/1300 std/eco
Lamp	200W NSH
Lamp Life	Eco-mode 2500H
	Standard-mode 1500H
Contrast Ratio	350:1
Image Size	MT1055/1050/850 30 - 300 inches diagonal
Projection Distance	MT1055 4.2-36.9ft (1.3m-11.3m)
	MT1050/MT850 4.3-36.8ft (1.3m-11.2m)
Projection Angle	MT1055 TELE: 8.2 - 8.6 degree
	WIDE: 9.8 - 10.5 degree
	MT1050/MT850 TELE: 8.3 - 8.6 degree
	WIDE: 9.9 - 10.4 degree
Keystone Correction	±30° Electronic

Electrical

Inputs	VIDEO (NTSC, PAL, SECAM, NTSC4.43), S-Video, 2-RGB, YCbCr Component (optional cable), HDTV -1080i,720p,480p,480i (optional cable), PC Card Viewer, USB port
Outputs	Monitor out, audio out
Synchronization Range	Horizontal - 15 to 100 kHz (non-interlaced)
	Vertical - 50 to 120Hz
Video Bandwidth	RGB 80MHz
Pixel Clock Freq	102MHz
Color Reproduction	16.7 million colors displayed simultaneously
Horizontal Resolution	NTSC/PAL/NTSC4.43/YCbCr - 550TV lines, SECAM - 350 TV lines,
	RGB - MT1055/MT1050 -1024(H)x768(V), MT850 - 800(H)x600(V)
External Control	RS232, IR (AMX/Crestron compatibility)
Sync Compatibility	Separate Sync / Composite Sync / Sync on G
Built-in Speakers	1Wx2
Operational Fan Level	<42dB standard, <39dB Eco-Mode
Power Requirements	100-120VAC/200-240VAC, 50/60Hz
Input Current	3.5A (100-120VAC), 1.7A (200-240VAC)
Power Consumption	350W (all models)

Mechanical

Installation	Orientation:	Floor/Front, Floor/Rear, Ceiling/Front, Ceiling/Rear
Dimensions (WxDxH) (Includes lens and feet)	MT1055 -15.2x11.4x4.9, 383x285x125mm	
	MT1050/MT850 -14.8x11.4x4.9, 371x285x125mm	
Net Weight	MT1055 -13.2lb. (6.0Kg)	
	MT1050/MT850 -13.0lb. (5.9Kg)	
Environment	Operational Temp. 32° to 104°F / 0° to 40°C	
	Humidity: 20-80% non-condensing	
	Storage: 14° to 122°F / -10 to 50°C	
Regulations	USA UL 1950	FCC Class B
	Canada	CSA950 (C-UL)
Accessories	Users manual, wired/wireless addressable remote control with laser pointer, power cable, remote cable, signal cable, quick connect guide, registration card, CD-Rom, mouse adapter, serial cable	
Warranty	Registered owners receive a 2-year limited parts and labor warranty including InstaCare. InstaCare provides the original owner limited concurrent 3-business day repair/return or next business day exchange. Lamp is 6 months or standard mode rated life.	

Product/Accessories

Order Code	Description
LCDMT1055	MT1055, XGA, 2600 ANSI projector
LCDMT1050	MT1050, XGA, 2100 ANSI projector
LCDMT850	MT850, SVGA, 1700 ANSI projector
MT50LP	Replacement lamp for MT850/1050/1055
MT10RL	1:1 Short throw lens, MT50/MT40 Series
MT13ZL	1.3-1.6:1 Short throw zoom lens, MT50/MT40 Series
MTCM	Ceiling mount kit MT50/MT40 Series
MTTC	Local transport/storage case w/wheels
MT40ATA	ATA shipping case for MT50/MT40 Series
MT50RMT	Replacement remote for MT50 Series
PR50KIT	Presenters remote kit for MT50 Series

Specifications subject to change without notice.

NEC 120005 30k