

magicolor plus 
 PRINT BOARD SOLUTIONS



MEET
 PRINT
 DISTRIBUTE



CONNECT_

COMMUNICATE_

CONTROL_



GET THE MOST OUT OF YOUR MEETINGS.

Print and organize the results of your meetings and presentations with magicolor® plus Print Board Solutions. Connect the magicolor 1600W, magicolor 1680MF or magicolor 1690MF to a PLUS M-12 Copyboard or C-12 CaptureBoard® via a standard USB cable and press the Print button on the board. You'll get full-color prints of your notes and drawings ready for distribution. And since the printers use Simitri® HD toner, your prints will look vibrant and stand the test of time.



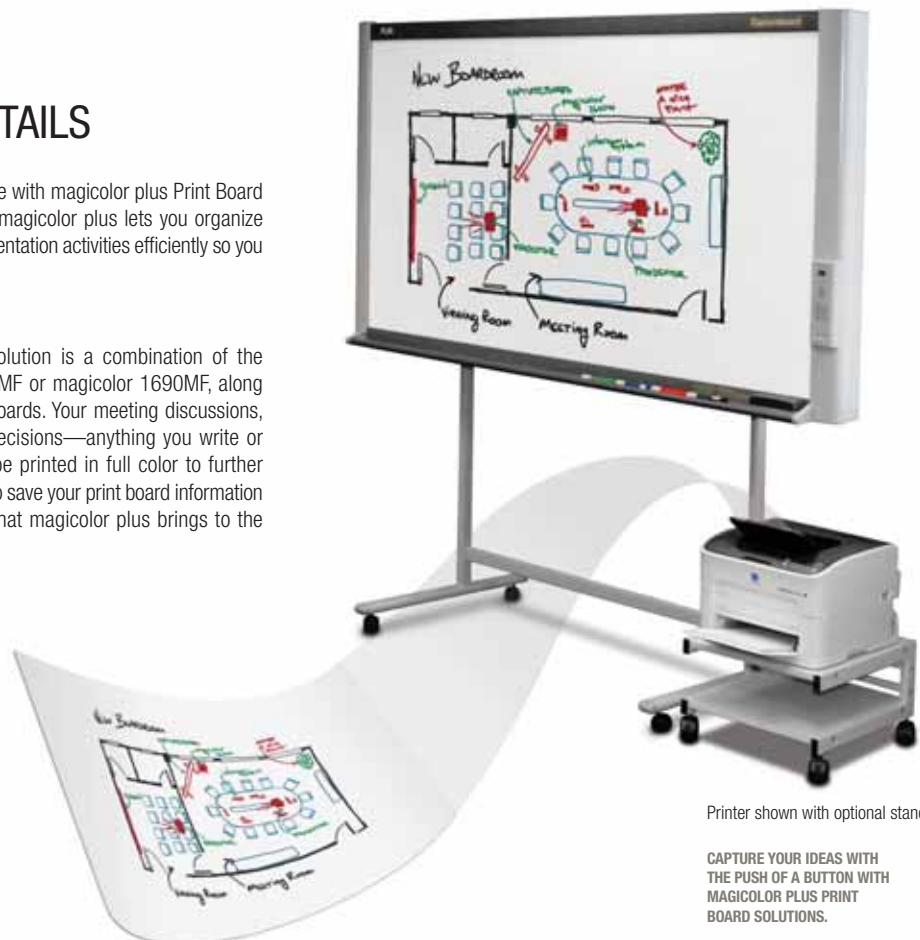
The essentials of imaging



CAPTURE THE DETAILS

Make your meetings more productive with magicolor plus Print Board Solutions. Innovative and practical, magicolor plus lets you organize and distribute the results of your presentation activities efficiently so you can focus on your meeting goals.

The magicolor plus Print Board Solution is a combination of the magicolor 1600W, magicolor 1680MF or magicolor 1690MF, along with PLUS Copyboards or CaptureBoards. Your meeting discussions, brainstorming sessions and final decisions—anything you write or project on your print board—can be printed in full color to further analyze, distribute or file. Or choose to save your print board information electronically. That's another plus that magicolor plus brings to the conference room table!



Printer shown with optional stand

CAPTURE YOUR IDEAS WITH THE PUSH OF A BUTTON WITH MAGICOLOR PLUS PRINT BOARD SOLUTIONS.

SELECT_YOUR_SOLUTION

CHOOSE THE SOLUTION TO FIT YOUR MEETING STYLE

To get the most from your meetings, select the magicolor plus Print Board Solution that works with the way you do business. Build the solution for your meeting space and style in two easy steps.

- 1 Pick a printer that delivers quick, quiet color prints or one that offers print, copy, scan and fax capabilities for added convenience.
- 2 Choose a Copyboard which conveniently prints and/or saves what you write, or a CaptureBoard which captures your notes and projected images.

MAGICOLOR PLUS PRINT BOARD SOLUTIONS

- ▶ Immediate prints for discussion or distribution
- ▶ Eliminate note taking altogether
- ▶ Full-color output captures details and highlights
- ▶ Quick connect via USB 2.0 interface
- ▶ One-button action to print or save files



MAGICOLOR AT YOUR SERVICE

Konica Minolta magicolor laser printers are perfect in the conference room, delivering pages from your print board on the spot. And they can serve as a stand-alone machine on your desktop or a multifunction printer on your network, giving you even more for your money.



LONG LASTING PRINTS. MAGICOLOR PRINTS LOOK VIBRANT AND LAST FOR YEARS, A RESULT OF KONICA MINOLTA'S OWN SIMITRI HD TONER.



SELECT_YOUR_LASER_PRINTER



magicolor 1600W

COMPACT, QUIET AND STYLISH

The compact size, high performance and low color printing costs of the magicolor 1600W make it a perfect match for your PLUS M-12 Copyboard or C-12 CaptureBoard. Its chic design will compliment your conference room and its quiet operation keeps it from becoming a distraction during meetings and presentations.

- ▶ EXTRA-SMALL 15.6" X 15" FOOTPRINT
- ▶ QUICK 20 PPM B&W, 5 PPM COLOR PRINTING
- ▶ 1200 X 600 DPI FOR RICH COLOR
- ▶ 200-SHEET FOLD-UP INPUT TRAY, 100-SHEET OUTPUT TRAY
- ▶ SUPPORTS UP TO 8.5" X 14" MEDIA; PLAIN, THICK, LABELS, ENVELOPES
- ▶ REMOTE PANEL UTILITY CLEARLY COMMUNICATES PRINTER AND JOB STATUS
- ▶ PRODUCTIVE, RELIABLE 35,000 PRINT MAXIMUM MONTHLY DUTY CYCLE

SELECT_YOUR_PRINT_BOARD

PLUS M-12 Series Copyboards

PUSH A BUTTON TO PRINT OR SAVE YOUR NOTES

Setting the standard in the copyboard market, the new M-12 Series Copyboards give you the option of printing out your notes and drawings in full color or saving them to either a USB memory stick or to a PC. A newly adopted LED lighting system reduces energy usage as well as costs. Added security features, including the Erase Reminder function, make the M-12 ideal for those working in information sensitive environments.

M-12S Standard Model

M-12W Wide Model



Main Features

- 2 Writing Surfaces (M-12S/W)
- Print in Color or Black & White*1
- Save to a USB Memory Stick
- Save to a PC
- Save as PDF, JPG or PNG
- Standard & Wide Models
- Floor Standing or Wall Mountable*2

*1. Printer sold separately.

*2. Copyboards come with a wall mount kit. The floor stand is optional.

Basic Copyboard Operation

1




Use just like you would a whiteboard. Write directly on the sheet surface with dry-erase markers.

2



Just push a button to print or save your notes. The sheet scrolls to the left to be scanned.

3



With a magicolor 1600W, magicolor 1680MF or magicolor 1690MF, direct printing is quick and convenient.

4



Save your work digitally. You can save to a USB memory stick or directly to your PC.

ALL-IN-ONE PRINTERS

magicolor 1690MF



The magicolor 1680MF and 1690MF gives you all the benefits of the 1600W—a small foot-print, quiet operation and great looking low-cost color prints—as well as the ability to copy, scan and fax (1690MF). Paired with a PLUS M-12 Copyboard or C-12 CaptureBoard, the magicolor 1680MF and 1690MF offer an impressive amount of utility in surprisingly small printers.

- ▶ BRILLIANT 1200 X 600 DPI PRINT QUALITY
- ▶ DESKTOP FRIENDLY SIZE
- ▶ 20 PPM B&W, 5 PPM COLOR PRINTS AND COPIES
- ▶ VERSATILE SCAN-TO-FILE FORMATS INCLUDING PDF, TIFF & JPEG
- ▶ QUIET ACOUSTIC OPERATING NOISE LEVEL
- ▶ CONVENIENT FRONT ACCESS PANEL FOR QUICK SUPPLY REPLACEMENT
- ▶ SIMPLE CONTROL PANEL LAYOUT
- ▶ AUTOMATIC DOCUMENT FEEDER

magicolor 1680MF

PLUS C-12 Series CaptureBoards

CAPTURES YOUR HAND WRITTEN NOTES ALONG WITH PROJECTED IMAGES

The perfect tool for any meeting in which a projected image is to be discussed, the all new PLUS CaptureBoard allows meeting attendees to add comments directly over the projected image and then save their handwritten notes along with the original projected image as a single file. The saved file can be easily printed or distributed as an Email attachment.

C-12S
Standard Model

C-12W
Wide Model

Main Features

- 2 Writable Screen Surfaces
- Unique "Capture" Function
- Print in Color or Black & White*¹
- Save to a USB Memory Stick*¹
- Save to a PC*¹
- Save as PDF, JPG or PNG
- Standard & Wide Models
- Floor Standing or Wall Mountable*²



BASIC CAPTUREBOARD OPERATION

- 1 Project an image you want to discuss.
- 2 Write anywhere on the board including over the projected image.
- 3 Combine the projected image and the hand-written notes!

*1 Note: Using the Print Function or Save Function directly from the CaptureBoard results in only the written information being scanned and printed/saved. To acquire a print of the combined projected image and written material, the Capture Function must be performed first and then the saved file printed from a PC.

*2 CaptureBoards come with a wall mount kit. The floor stand is optional.

TECHNICAL_SPECIFICATIONS

COPYBOARDS		M-12S	M-12W
BOARD	Surface Panel Dimension	W 51.2" x H 36.2" (1300 x 920 mm)	W 70.9" x H 36.2" (1800 x 920 mm)
	Effective Reading Area	W 50.4" x H 35.4" (1280 x 900 mm)	W 70.1" x H 35.4" (1780 x 900 mm)
	With Opt. Stand (Max.)* ¹	W 57.9" x D 27.6" x H 77.6" (1470 x 700 x 1970 mm)	W 77.6" x D 27.6" x H 77.6" (1970 x 700 x 1970 mm)
	Weight	90.4 lb. (41 kg)	99.2 lb. (45 kg)
	Number of Pages	2	
	Sheet Driving Method	Motorized/Manual	
	Grid Lines	2 in. squares (50 mm)	
	Writing Instruments	Dry Erase Whiteboard Markers (Black/Red/Green/Blue)	
	Reading Method	CCD Optical Sensor (RGB LED)	
	USB Port	3 Ports: 1 A-Type for printer and 1 B-Type for PC on lower part of board / 1 A-Type on the Control Panel for USB Flash Memory	
INSTALLATION	Stand or Wall Mount		
PRINTER	Compatible Printers	Konica Minolta magicolor 1600W, magicolor 1680MF & magicolor 1690MF (see details right)* ²	
EXTERNAL MEMORY	Type	USB Flash Memory* ³	
	File Format	PNG, JPEG and PDF Formats	
PC CONNECTIVITY	Interface	USB 1.1 or USB 2.0 Full-speed Mode* ⁴	
	File Formats	PNG, JPEG and PDF Formats	
	Supported OS	Microsoft Windows 2000 Professional (SP 4+) / Windows XP (Home/Professional SP 2+) / Windows Vista (32bit)	
OPERATING CONDITIONS	Temperature	50°-90° F / 10°-35° C (Operating)	
	Humidity	30-85% (No condensation)	
POWER SUPPLY	Source	AC Power 100-240 V, 50-60 Hz	
	Consumption	5W or less (Standby), 5W (Power On), 40W (Operation)	
ACCESSORIES	In Box	Markers (Black, Red, Green, Blue), Eraser, AC Power Adapter, USB Cable (3m), User's Manual, Assembly Set-Up Manual, Quick Guide, CD-ROM (TWAIN Driver, User Manual (PDF), PLUS TOOLBOX software), Printer Tray* ⁵ , Wall Mounting Brackets	

CAPTUREBOARDS		C-12S	C-12W
BOARD	Surface Panel Dimension	W 51.2" x H 36.2" (1300 x 920 mm)	W 70.9" x H 36.2" (1800 x 920 mm)
	Effective Reading Area	W 50.4" x H 35.4" (1280 x 900 mm)	W 70.1" x H 35.4" (1780 x 900 mm)
	With Opt. Stand (Max.)* ¹	W 57.9" x D 27.6" x H 77.6" (1470 x 700 x 1970 mm)	W 77.6" x D 27.6" x H 77.6" (1970 x 700 x 1970 mm)
	Weight	90.4 lb. (41 kg)	99.2 lb. (45 kg)
	Number of Pages	2	
	Sheet Driving Method	Motorized	
	Grid Lines	NA	
	Writing Instruments	Dry Erase CaptureBoard Markers (Black/Red/Green/Blue)	
	Reading Method	CCD Optical Sensor (RGB LED)	
	USB Port	3 Ports: 1 A-Type for printer and 1 B-Type for PC on lower part of board/ 1 A-Type on the Control Panel for USB Flash Memory	
INSTALLATION	Stand or Wall Mount		
PRINTER	Compatible Printers	Konica Minolta magicolor 1600W, magicolor 1680MF & magicolor 1690MF (see details right)* ²	
EXTERNAL MEMORY	Type	USB Flash Memory* ³	
	File Format	PNG, JPEG and PDF Formats	
PC CONNECTIVITY	Interface	USB 1.1 or USB 2.0 Full-speed Mode* ⁴	
	File Formats	PNG, JPEG and PDF Formats	
	Supported OS	Microsoft Windows 2000 Professional (SP 4+) / Windows XP (Home/Professional SP 2+) / Windows Vista (32bit)	
OPERATING CONDITIONS	Temperature	50°-90° F / 10°-35° C (Operating)	
	Humidity	30-85% (No condensation)	
POWER SUPPLY	Source	AC Power 100-240 V, 50-60 Hz	
	Consumption	5W or less (Standby), 5W (Power On), 40W (Operation)	
ACCESSORIES	In Box	CaptureBoard Markers (Black, Red, Green, Blue), Eraser, AC Power Adapter, USB Cable (3m), User's Manual, Assembly Set-Up Manual, Quick Guide, CD-ROM (TWAIN Driver, User Manual (PDF), PLUS TOOLBOX software), Printer Tray* ⁵ , Wall Mounting Brackets	

*1 The height is adjustable to 66.7", 73.6" and 77.6" (1770, 1870, 1970 mm). *2 Printer is not included. *3 USB Flash Memory Stick is not included. *4 Not corresponded to USB 2.0 high-speed. *5 Will not support a magicolor printer.

PRINTERS		magicolor 1600W	magicolor 1680MF/1690MF
PRINT PROCESS	Print Method	Dual laser diode with polygon mirror	
	Print Speed	Monochrome: up to 20 ppm; Color: up to 5 ppm	
	First Page Out	Monochrome: 11 seconds; Color: 20 seconds	
	Max. Resolution	1200 x 600 dpi	
	Print Volume	35,000 pages (average per month)	
HARDWARE/SOFTWARE CAPABILITIES	Memory	16 MB standard	1680MF: 64 MB standard / 1690MF: 128 MB standard
	Interface Support	USB 2.0	1680MF: USB 2.0 / 1690MF: USB 2.0, Ethernet
OPERATING SYSTEM COMPATIBILITY	Operating Systems	Windows 2000, Server 2003 (32/64), XP (32/64), Vista (32/64)	Windows 2000, Server 2003 (32/64), XP (32/64), Vista (32/64); Mac OS X 10.2+
PAPER HANDLING	Paper Input	Std: 200-sheet multi manual tray	1680MF: Std: 200-sheet multi manual tray / 1690MF: Std: 200-sheet multi manual tray; Opt: 500-sheet lower feeder tray
	Paper Output	Standard: 100-sheet face-down output tray	
	Media Sizes Supported	Letter, legal, A4, A5, envelope C6, envelope DL, B5	
	Printable Area	Approx. 0.16" (4 mm) from all edges	
COPY	Copy Speed	NA	Monochrome: 21 cpm @ 300 x 300 dpi/10.5 cpm @ 600 x 300 dpi; Color: 3.5 cpm @ 600 x 300 dpi
	First Page Out Time	NA	Monochrome: 23 seconds; Color: 52 seconds
	Resolution	NA	600 x 600, 600 x 300 dpi
	Copy Settings	NA	Density (7 steps), Reduce/Enlarge (25-400%), Number of Copies (1-99), Quality (Text/Photo/Mix, Normal/Fine), ID card copy, Poster copy, Clone copy
SCAN	Scanner Type	NA	1680MF: Flatbed / 1690MF: ADF
	Scan Speed	NA	Monochrome: 20 ipm; Color: 3.3 ipm
	Resolution	NA	600 x 600 dpi
	Color Depth	NA	8-bit RGB
	Scan Size	NA	Platen Glass: letter, A4
	Scan Destination	NA	1680MF: USB / 1690MF: USB, Email, FTP, SMB (desktop)
	Scan Drivers	NA	TWAIN and WIA (Windows only)
	Scan-to-File Formats	NA	PDF, TIFF, JPEG
PHYSICAL	Scanner Utilities	NA	LinkMagic (Windows only), PagePort SE (Windows only)
	Dimensions (WxDxH)	15.6" x 15" x 10.8" (396 x 380 x 275 mm)	1680MF: 15.9" x 16.9" x 14.8" (405 x 430 x 375 mm) / 1690MF: 16.0" x 16.9" x 17.0" (405 x 427 x 432 mm)
	Weight	33.3 lbs. (15.1 kg) (with consumables)	1680MF: 42 lbs. (19.2 kg) / 1690MF: 46 lbs. (20.8 kg) (with consumables)
ELECTRICAL	Input Voltage Range	120V (± 10%)	
	Frequency	50-60 Hz (± 3%)	
	Average During Printing	Monochrome: < 440W; Color: < 400W	Monochrome: < 560W; Color: < 410W
	Standby	< 140W	< 170W
	Energy Save	< 14W	
ENVIRONMENTAL	Temperature	50° - 95° F / 10° - 35° C (Operating)	
	Humidity	15 - 85% RH (Operating)	
	Noise Level	Operating < 50 dB; Standby < 29 dB	Operating < 52 dB; Standby < 32 dB
CONSUMABLES	Toner (pre-installed)	Cyan, Magenta, Yellow, Black (yield up to 500 pages @ 5% coverage)	Cyan, Magenta, Yellow (yield up to 500 pages @ 5% coverage); Black (yields up to 1,000 pages @ 5% coverage)
	Toner (replacement - std)	Cyan, Magenta, Yellow (yield up to 1,500 pages @ 5% coverage)	
	Toner (replacement - high)	Cyan, Magenta, Yellow, Black (yield up to 2,500 pages @ 5% coverage)	
	Imaging Unit (pre-installed/replacement)	Includes OPC Drum and Waste Toner Box (yields up to 45,000 B&W / 11,250 color pages - continuous printing)	
MAINTENANCE PARTS	Fuser Unit	Yields up to 50,000 pages (continuous printing)	
	2nd Transfer Unit	Yields up to 50,000 pages (continuous printing)	
WARRANTY	1 year		

DO BUSINESS BETTER





Konica Minolta magicolor plus Print Board Solutions capture your meeting moments

PERFECT PARTNERS. Pair a Konica Minolta magicolor 1600W, magicolor 1680MF or magicolor 1690MF with a PLUS M-12 Copyboard or C-12 CaptureBoard and make your meeting activities more efficient.

ADD PRODUCTIVITY TO THE PRESENTATION as your magicolor plus Print Board Solution eliminates note taking and meeting delays. Instead participants can focus on the discussion at hand.

SIMPLE OPERATION is at your fingertip, with one-button action to print files for immediate discussion and distribution, or to save files electronically for further analysis later. A quick USB connection gets you started.

COLOR IS KEY as the vital details and important highlights you made in color on your print board are transferred to the printed page.

Focus on the meeting at hand and leave the details to your magicolor plus Print Board Solution.



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KONICA MINOLTA

KONICA MINOLTA
BUSINESS SOLUTIONS U.S.A., INC.

100 Williams Drive
Ramsey, NJ 07446

www.countonkonicaminolta.com
www.kmbs.konicaminolta.us
www.kmbs.konicaminolta.us/solutions

