

The Ricoh Aficio Color 6010/6110

Aficio Color®

creative

# color series

*Cutting-Edge Color  
That Unleashes  
Your Creativity*



Digital Color Imaging Systems

**RICOH®**



Idea



Think



Time



Tools



Technology



Solutions

# Aficio Color®

There's no mistaking the dramatic difference of color at its truest. From an advertising layout, to an eye-catching presentation, to a web page on the Internet...color brings life to your designs and impact to your business.

So why compromise when it comes to your image? Discover a whole new level of quality color imaging with the extraordinarily advanced, yet affordable RICOH® Creative Color Series. After all, your clients rely on you to perform, deadline after deadline. That's why it makes perfect sense that design firms, ad

# BOLD BRILLIANT → CREATIVE POWERFUL

agencies, print for pay companies, and in-house corporate copy centers alike rely on Ricoh for superior imaging performance. Our state-of-the-art Aficio Color® 6010 & 6110 integrated digital color imaging systems empower your business with everything it needs to excel today and embrace tomorrow. These innovative color digital systems enable complete image communications, from superb quality copying and printing to scanning, all with a mere touch of a button or click of a mouse.

Now you no longer have to settle for making 11" x 17" plain-paper comps. Experience the unique capability of full bleed onto oversized stock 12" x 18", or up to 13" x 19" with printed cross mark and color mark with the ability to output your work on up to 12 pt. cast coated stock. Plus, choose from a host of other irresistible capabilities:

- Choose from a full spectrum of brilliant colors and achieve breathtaking image quality whether you're copying a report, creating a brochure or downloading a web page.
- Make the best impression whether copying or printing. Exceptional reproduction is provided through 600 dpi, plus industry-leading 8-bit resolution delivering utmost clarity every time.

print full bleed  
on either 12" x 18" or 13" x 19" stock

← 11" x



## We've Empowered You!

Change that image! With the Ricoh Aficio Creative Color Series, images can effortlessly change right before your eyes with one touch of the easy to use, visually enhanced Full Color Operational LCD panel. Plus, you're really in business with an expanded color palette that lets you choose from 100 brilliant colors.



**ZOOM**  
Enlarge & Reduce  
400-25%

- Speed through copy or print jobs at an impressive rate of 10.5 pages per minute in full color, 40 pages per minute in black & white after a first copy speed of just 16.5 & 8 seconds, respectively.
- Enjoy greater versatility and accuracy in reproducing from a wide variety of originals, from photographs to second generation prints.

### Output The Document, Then You're Finished

Now that you've worked with your images, decided on colors, and designed your layout, putting it down on paper seems simple. And it is...especially with the Ricoh Aficio Creative Color Series' expansive materials handling capabilities. Our ingenious double-page transfer system streamlines imaging onto thick bond stock, oversized paper, and transparencies alike. Then, choose from versatile finishing options to create perfect in-house documents.

Because your business' unique requirements are as demanding as the creative work you do, Ricoh has responded with the resourceful Aficio Color 6010 & 6110. Whether you need to copy or print color invitations onto cardstock for a mailing, or to transfer your Powerpoint presentation onto OHP transparencies for an upcoming meeting, the job is done beautifully and efficiently every time.

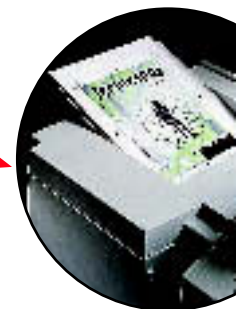
The Aficio Color 6010 and 6110 allows you to stretch your output possibilities even further with an array of finishing options:

- A power-packed 20-Bin Sorter Stapler swiftly sorts and staples all your copy and print jobs including those on thick paper stock!
- Convenient Face Down Printing capability works in conjunction with the 20-Bin Sorter to make sure that copy and print jobs are sorted separately for easy retrieval

### Create and Output Documents Using 140lb Index Stock



Create your designs on your desktop system.



Print to a networked Ricoh Aficio Color 6010/6110.

- Auto Reverse Document Feeder ensures seamless reproduction of high-volume jobs.
- Film Projector Unit for making sharp copies of 35mm slides, negatives or 4" x 5" chromes instantly.
- Large Capacity Tray supports 1,500-sheet paper supply in addition to the standard 1,550 sheets, making possible a total 3,050-sheet total paper capacity.

To accommodate all your desktop publishing and graphic design applications, oversized copying and printing is at your disposal. Now you can simulate and check your final press image by outputting 11" x 17" full bleed copies onto 12" x 18" paper, or create 12" x 18" full-bleed designs onto 13" x 19" with cross mark and color mark.

17"

24lb writing

80lb text

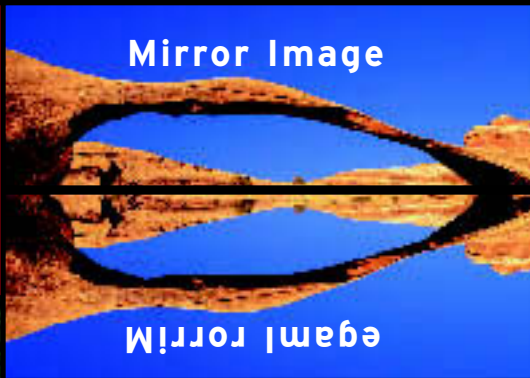
65lb cover

140lb index

Create finished newsletters, catalogs, ad in materials handling. That includes being index stock...even on oversized paper!

ce

## Mirror Image



## MIRROR

A myriad of image and color manipulation functions encourage creative flexibility and always ensure professional quality work no matter what your project requirements. Everything from color proofs to finished presentation materials turn out exceptionally well with both the Aficio Color 6010 & 6110.



## Auto Reverse

### Limitless Features Make Anything Possible

## Connect With Convenience

Space-devouring controller towers and time-consuming installation are history with the introduction of the Ricoh Aficio Creative Color Series. An optional embedded print controller makes connectivity a snap and gets you up and running right out of the box with sensational 600 dpi 8-bit print resolution. And, since the printer interface unit easily attaches to the back of each system, you can enjoy faster, high performance processing for top quality network color printing in no time...plus save valuable floor space too!

Compatible with most Macintosh, PC and network environments, plus all of today's cutting-edge software applications, these user-friendly systems support Ethernet 10/100BaseT for the quickest connections to your computer as well as the most common network protocols such as TCP/IP, IPX/SPX, etc. They also keep creativity flowing with genuine Adobe Postscript Level 3 processing and a seemingly limitless supply of embedded Adobe Type 1 fonts.



Your comps print in full color, ready to assemble on the stock you choose including 12 pt. cast coat and 140lb. Index stocks!

### Advanced Editing with the 6110:

- Alter documents with Color Creation features like: Paint; Color Line; Frame Line and Type Mask, a new function which lets you colorize both text (type) and background separately.
- Change page content readily, by using the greatly enhanced Color Image Overlay feature. Now you can overlay a selected area from a full color original onto a second original to create a full color composite document.
- With Text Image Overlay, you can colorize a text original, then overlay it onto a full color original for a brand new look.



## Work With Confidence

The powerful, reliable Aficio Creative Color Series is backed by Ricoh's top-quality reputation for excellence that's spanned more than 60 years. A leader in the U.S. digital market, Ricoh has taken its ingenious two-decade-long digital engineering expertise and made an impressive mark in the color segment. The advanced Creative Color Series provide increasing proof of Ricoh's commitment to ultimate quality, technology and performance in your ever-changing business environment.

Auto Color selection for color or Black & White



## Color Conversion

Rely on Color Conversion, Color Erase, Color Background to effortlessly alter colored areas on your copies

## The Ricoh Aficio Color 6000 Digital Imaging System. Making Color Work In Your Business



Because your business' unique requirements are as demanding as the creative work you do, Ricoh has responded with the resourceful Aficio Color 6010 & 6110.

spreads and more with incredible diversity able to copy and print onto up to 140 lb.

# document versatility



Enhance book copies with Erase Center and Border

Conveniently consolidate images onto less paper using Combine Originals (w/optional ADF)

*Quality ...  
And Technology ...  
Beyond Compare*

All your creations from a single black & white or color copy to a full color desktop publishing layout with graphs and halftones included, will always look their best thanks to top-of-the-line Ricoh ingenuity in digital technology.

Ultra-sharp 600 dpi print resolution with 256 gradations of color deliver the ultimate image precision from your desktop, combined with cutting-edge true 8-bit printing resolution for a brilliant color range to choose from!

Crystal-clear image reproduction is consistent because of an advanced Ricoh mainframe engine, a newly designed process control unit and an upgraded toner design. Plus, our enhanced transfer belt design, ingenious synchronized transfer system and refined Super Fine Twin Beam laser system ensure faithful reproduction quality, stability and reliability.

Image clarity and accuracy are further enhanced with the Ricoh Single Scan, Multi Print feature. Simply scan your full color document once into memory, and copies are output flawlessly time and again. Since the intelligent Aficio Creative Color Series require only a single scan of your image vs. the typical CMYK four-pass scans, the result is less wear and tear on the system due to decreased vibration and quieter operation.

Still don't get the picture? Then try reproducing any type of original...and see how true the colors match. Photo or photo/text imaging are perfected with Photo Original & Printed Photo Mode, Press Print Mode, Glossy Photo Mode, Laser Original or 2nd Generation Original Modes. Or select Map Mode, Highlight Pen Mode or Inkjet Output Mode for three printer types.



*It's Your Image So ...*

*Make The Most of It!*

Auto Color Calibration steps up to automatically adjust density and color balance when necessary for consistent optimal quality output.

Add pizzazz to materials with Image Creation functions like Mirror Image, Outline Image & Repeat Image

17" →

print full bleed

on either 12" x 18" or 13" x 19" stock

# The Ricoh Aficio Color 6000 Digital Imaging System...

# 6010/6110

## SPECIFICATIONS:

<b>Configuration:</b>	Console
<b>Process:</b>	Dry Electrostatic Transfer System
<b>Originals:</b>	Sheet/Book/Object
<b>Original Size:</b>	Max. 11" x 17"/A3
<b>Resolution:</b>	Scan - 400dpi/8bit Print - 600dpi/8bit
<b>Gradation:</b>	256 gradations
<b>Copy Size:</b>	Max. 11" x 17"/A3 (full bleed on 13" x 19") Min. 5" x 8" (lengthwise)
<b>Paper Size:</b>	1st Tray Feed: 8.5" x 11" (S), 5.5" x 8.5" 2nd & 3rd Tray Feed: 11" x 17" (L), 11" x 15" (L), 10" x 14" (L), 8.5" x 11", 8.5" x 14" (L), 8.5" x 13" (L), 8" x 13" (L), 8" x 10.5" (L), 8" x 10" (L), 5.5" x 8.5" Bypass Tray Feed: 13" x 19" (L), 12" x 18" (L), 11" x 17" (L), 10" x 14" (L), 8.5" x 11", 8.5" x 14" (L), 8.5" x 13" (L), 8" x 13" (L), 8" x 10.5" (L), 8" x 10" (L), 5.5" x 8.5"
<b>First Copy Speed:</b>	Normal Mode: 16.5 sec. (full color), 8 sec. (b/w) OHP/Thick Paper Mode: 29 sec. (full color), 19 sec. (b/w)
<b>Copy Speed:</b>	Normal Mode: 10.5 cpm (full color), 40 cpm (b/w) OHP/Thick Paper Mode: 4.7 cpm (full color), 6 cpm (b/w) ADF 1 to 1 Speed: 8 cpm (full color), 31 cpm (b/w)
<b>Warm-Up Time:</b>	Less than 8.5 minutes
<b>Multiple Copying:</b>	Up to 999
<b>Paper Capacity:</b>	1550 sheets, (3 Paper Trays: 500 sheets each + Bypass Tray: 50 sheets w/ 28 lb.) 1500 sheets, Large Capacity Tray (LCT) Optional
<b>Copy Paper Weight:</b>	Paper Tray: 17 - 28 lb. Bypass Tray: 17lb. text - 140lb. index Auto Duplex Tray: 17 - 28 lb.
<b>Reproduction Ratio:</b>	5 enlargements, 7 reductions plus 100% (400%, 200%, 155%, 129%, 121%, 93%, 85%, 77%, 74%, 65%, 50%, 25%)
<b>Zoom:</b>	From 25 to 400% in 1% increments
<b>Non-Reproduction Area:</b>	Leading Edge: Less than 0.16" +/- 0.08" Side: Less than 0.08" +/- 0.08" Trailing Edge: Less than 0.08" +/- 0.08" Three-Side Full Bleed: Yes
<b>Duplex Copy:</b>	Auto
<b>Dimensions:</b>	(WxDxH): 28.7" x 30.3" x 38.6"
<b>Weight:</b>	Approx. 549 lbs.
<b>Power Source:</b>	120V, 20A, 60Hz
<b>Maximum Power Consumption:</b>	1700 W
<b>Operation Panel:</b>	640 x 480 dot, 10.4" Full Color LCD

## Advanced Features

<b>Color Selection:</b>	Auto Color Selection (ACS), Full Color, Black & White, Single Color, Twin Color
<b>Single Color:</b>	User Color: 60 colors (15 User Colors x 4 density levels) Preset Single Color: 48 colors (12 Single Colors x 4 density levels), Red, Green, Blue, Cyan, Magenta, Yellow, Yellow Green, Orange, Beige, Pink, Purple, Marine Blue
<b>Twin Color:</b>	Black + One Single Color Black can also be changed to one of single colors
<b>Image Density Adjustment:</b>	Auto/Manual (9 steps) Combined Auto & Manual Image Density Selection - Auto Image Density is available when Full Color mode, Black & White mode, Twin Color mode or Single Color mode is selected
<b>Original Image Type Selection:</b>	Auto Original Type Selection Auto (Text/Photo Separation) Mode: Press Print Mode, Glossy Photo Mode, 2nd Generation Mode, Text Mode Photo Mode: Press Print Mode, Glossy Photo Mode: 2nd Generation Mode Special Original Mode: Map Mode, Highlight Pen Mode, Inkjet Output Mode
<b>Copy Paper Selection:</b>	Auto Paper Selection (APS) Manual Paper Selection (Paper Trays 1 - 3) Bypass Feed Selection: Normal Paper, Thick Paper, Very Thick Paper, OHP Transparencies, OHP Slip Sheet, Duplex Back, Standard Size, 12" x 18", 13" x 19", Custom Size, Large Capacity Tray
<b>Reduce/Enlarge:</b>	Auto Magnification Selection, Directional Size Magnification, Directional Magnification, Poster Mode
<b>Image Rotation:</b>	90° rotation (Max. letter size)
<b>Shifting The Image:</b>	Image Shifting - Centering, Cornering, Margin Adjustment, Erasing Center, Erasing Border, Erasing Centering and Border Cover Page Mode - Front Cover, Front & Back Cover
<b>Duplex/Series/Combine:</b>	
<b>Duplexing:</b>	1-sided originals to 2-sided copies, 2-sided originals to 2-sided copies, Book original to 2-sided copies, Multiple (Book original) to 2-sided copies
<b>Series/Combine:</b>	Book original to two 1-sided copies, 2-sided originals to two 1-sided copies Combine two Originals on one sheet (with ADF) Combine four Originals on one sheet (with ADF)

<b>Color Creation:</b>	Color Conversion, Color Erase, Color Background (Aficio Color 6110 only): Paint, Color Line, Frame Line, Type Mask
<b>Image Creation:</b>	Outline Image, Positive/Negative Image, Shadow Image (Block/Offset), Mirror Image, Slanted Image, Repeat Image
<b>Color Balance:</b>	Color Balance Adjustment, Color Balance Memory, Color Balance Sample
<b>Single Color Adjustment:</b>	Yes
<b>Image Adjustment:</b>	Sharp/Soft, Contrast, Background Density Control, Pastel, UCR Adjustment, S.C.S. Sensitivity Level, Auto Text & Photo Sensitivity
<b>User Color Memory:</b>	Max. 15 colors

## Area Editing

(Aficio Color 6110 only):

<b>Area Shape:</b>	Rectangle/Right Angle Polygon/ Polygon/Closed Loop/ Multi-Closed Loop/Line Input Area: Maximum points: 500 points Maximum No. of Areas: 500 areas (500 points) Up to 30 points per one area Maximum Groups: 10 groups
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## Image Overlay

(Aficio Color 6110 only):

<b>Other Features:</b>	Auto Color Calibration, Job Program (10 programs), Special Mode Program, Counterfeit Prevention (Bill Recognition Function, Invisible Marking Function), Cover Sheet Mode
<b>Image Overlay:</b>	Color Image Overlay: Full Image Overlay/Area Image Overlay Maximum Original Size: 8.5" x 11" Overlay Image Density: * Yes - 10-90% (9 levels, 10% steps) Text Image Overlay: Full Image Overlay/Area Image Overlay Maximum Original Size: 8.5" x 11" Overlay Image Density: * No * Color conversion of overlaid text image is available.

## OPTION SPECIFICATIONS:

### DF64/ARDF

<b>Original Size:</b>	11" x 17", 8.5" x 14", 8.5" x 11", 5.5" x 8.5"
<b>Original Weight:</b>	SADF/ADF Mode: 11 lb. - 34 lb. Auto Reverse Mode: 14 lb. - 28 lb., Combine Originals Mode: 14 lb. - 34 lb.
<b>Stack Capacity:</b>	50 sheets

### ST33 20-Bin Sorter/Stapler

<b>Number of Bins:</b>	20 bins + proof Tray (Moving Type)
<b>Paper Size:</b>	Min: 5.5" x 8.5" Max: 13" x 19"
<b>Paper Weight:</b>	17 - 68 lb.
<b>Bin Capacity:</b>	Proof Tray: All sizes: 250 sheets Sort/Stack Mode: 50 sheets (letter size)

<b>Stapling Capacity:</b>	Number of pages: 2 - 50 sheets (20 lb. bond) Paper Size: Max. 13" x 19", Min. 5.5" x 8.5" Paper Weight: 17 - 53 lb. Time: Less than 2.5 sec./bin (one position) Less than 3.5 sec./bin (two positions) Position: Three positions Replenishment: Cartridge change (5000 pieces/cartridge)
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## SPU4 Film Projector Unit

<b>Acceptable Film Type:</b>	Positive/Negative film (Mount film, Glass mount film, Strip film)
<b>Acceptable Film Size:</b>	Set in Film Holder: 35mm film
<b>Exposure Glass:</b>	45 x 60mm, 60 x 60mm, 60 x 70mm, 60 x 80mm, 60 x 90mm, 4" x 5" (101.6mm x 127mm)
<b>Film Holders:</b>	Slide Holder: Up to 5 mount positive films Film Strip Holder: A series of 6 frames of strip film Glass Mount Film holder: Up to 5 glass mount positive films Exposure Glass: Max. 5.7" x 8.3"
<b>Focusing:</b>	Manual
<b>Power Source:</b>	115V/60Hz, 220-240V/50Hz, 60Hz
<b>Dimensions (WxDxH):</b>	Projector Unit: 11.8" x 17.4" x 8.34" Mirror Unit: 11.72" x 9.13" x 1.97"

## RT36 Large Capacity Tray

<b>Paper Size:</b>	8.5" x 11"
<b>Paper Weight:</b>	20 - 28 lb.
<b>Paper Capacity:</b>	1,500 sheets
<b>Dimensions (WxDxH):</b>	15.4" x 19.7" x 15.4"
<b>Weight:</b>	37.5 lbs.

# RICOH®

Image Communication

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Ricoh Consumables. For maximum performance and yield, we recommend using genuine Ricoh parts and supplies.