



Fiery® Color Controller N-50A

Fiery FS500 Pro

Amazing output. Elevated profits.

Fiery Color Controller N-50A for the RICOH Pro™ C7500 enables you to produce stunning, high-value jobs in less time.

Go beyond CMYK

- Use gamut expanding neon pink and neon yellow to brighten, smooth, and highlight images and skin tones; improve spot colour accuracy; and add visual emphasis that get your customers noticed.
- Combine built-in Fiery calibration and the optional Fiery Color Profiler Suite to ensure consistent, uniform output with CMYK+ toners.
- Create dramatic effects with clear, white, gold, and silver, or expand into security applications with invisible red.

Produce dependable image quality.

- Fiery Edge™ profiles deliver stunning colour with the smoothest colour blends, maximum shadow details, and superb image definition.
- Add Fiery Graphic Arts Pro Package to produce the most accurate brand colours, correct colour on the fly, and generate soft proofs.
- Add Fiery ColorGuard™ to streamline colour verification tasks and track colour quality

Take the guesswork out of production.

- Reduce setup time with Fiery JobExpert™, which analyses print jobs and dynamically chooses the optimal print settings.
- Built-in Fiery Preflight provides basic preflight checks to help spot file problems before printing.
- Streamline and simplify media management with Media Catalog.
- Increase efficiency with automation benefits from the built-in, browser-based Fiery JobFlow™ Base.





Fiery Color Controller N-50A specifications

Fiery Driven™ engines

- RICOH Pro™ C7500
- Supports all engine finishing devices

Hardware and platform

- Intel® Core® i5-8500 processor
- 8 GB RAM
- SSD boot drive for OS & Fiery software + 1 TB HDD
- USB 3.0: 2 rear ports, 3 on Fiery QuickTouch™ panel. USB 2.0: 4 rear ports.
- Microsoft Windows® 10 IoT Enterprise 2019 LTSC
- Fiery Installer Builder
- Fiery FS500 Pro system software
- Fiery QuickTouch software

Fiery colour and imaging technology

- In-line calibration with automated inline sensor
- CMYK+ support
 - Supports all available 5th colour station toners
 - Calibration: neon pink, neon yellow, white
 - Profiled colours for gamut extension: neon pink, neon yellow
- Fiery Edge™ colour profiles
- Fiery Spot-On™
- Fiery ColorWise® colour management technology
- PANTONE® Color Enabled
- Fiery Calibrator
- Composite overprint
- Image smoothing
- Image enhance
- Fiery Image Enhance Visual Editor
- Cutback trapping

Adobe interpreter support

- Adobe® PDF Print Engine® 5.5¹
- CPSI version 3020

Performance

- SmartRIP
- Spool-RIP-Print
- Strict ordered printing

Productivity and workflow

- Fiery Command WorkStation®
- Fiery JobExpert™
- Fiery Smart Estimator
- Fiery Console
 - Access Command WorkStation via printer UI
- Print Time Estimation
- Media Catalog
- Fiery Preflight
- Fiery JobFlow™ Base
- Fiery Hot Folders/Virtual Printers
- Fiery drivers for Windows and Mac®
- Fiery WebTools™
- Fiery server presets
- Fiery Go (Android™ and iOS)
- Booklet Maker
- GUI enabled
- Direct Mobile Printing

Variable data printing

- Fiery FreeForm™ Create
- Supported file formats: Fiery FreeForm Plus, PPML v3.0, PDF/VT-1 and 2, Creo VPS
- VDP Record and Set Level Finishing, VDP Record Range Printing, Define Record Length, VDP Resource Manager, VDP Raster Preview, VDP imposition

Device management and analytics

- Fiery IQ: Dashboard, Insight, Notify, Go
 - Fiery ColorGuard (optional)
 - Fiery Manage (optional)

File format support

- Adobe® PostScript® Levels 1, 2, 3; Adobe PDF; PDF/X-1a, 3, and 4; Optimized PDF and PS; Enhanced PCL6/PCL5
- EPS, TIFF, JPEG (via Hot Folders)
- Microsoft Office document formats: doc, docx, xls,xlsx, ppt, pptx, pps, ppsx, pub (via Hot Folders)

Networking/Connectivity

- TCP/IP, AppleTalk, Bonjour support, SNMP, Port 9100, IPP, FTP, SMB, WSD, point and print, print via email (PS/PDF), IPv6 support, LDAP authentication

Integration

- Fiery JDF v1.8
- Fiery API
- MIS and Web-to-Print integration ready
- Prepress workflow integration (Heidelberg® Prinect, Kodak® PRINERGY, Agfa® Apogee, SCREEN EQUIOS)

Security

- Secure Erase, Security profiles, Security Audit Log
- FIPS 140-2 compliant data encryption
- ISO/IEC 15408 & IEEE Std 2600 (Common Criteria) compliant ²
- Option to use a customer hardened Windows OS image to meet security compliance requirements
- Port blocking, IP filtering, 802.1X authentication, IPsec encryption, HTTPs with TLS 1.3 support
- Enhanced certificate management
- Fiery self-signed certificates are recreated automatically
- Secure printing, PostScript security, USB security
- Digitally signed software updates

Power

- Auto-switching: 100–240 VAC, 10-5 Amps, 60-50 Hz. Typical: 200 W, 2 Amp @ 100 V. Maximum: 600 W, 6 Amp @ 100 V

Dimensions/Weight

- Height: 20.75" (527.05 mm), Width: 9.25" (234.95 mm), Depth: 22.5" (571.5 mm)
- Weight: 48 lb (21.77 kg)

EMC/EMI

- FCC and ISSED-ICES-003 (US & Canada); VCCI – CISPR 32 -2016 -Japan; EN 55032: 2015/BS 55032:2015; CE (EU)/UKCA(UK) Marks; RCM (AS/NZS) CISPR 32: 2013; CCC-China; Korea; BSMI-Taiwan

Safety

- CB Scheme – IEC 62368-1: 2018; CE-Mark (EU)/UKCA-Mark (UK); UL/CSA C.22.2 No. 62368-1: 2019 (TUV-NRTL); T-Mark EN IEC 62368-1:2020 +A11; CCC China, BSMI-Taiwan; EAC -Russia Regions

Optional Fiery software and hardware

- 5th color station kit
- Fiery Graphic Arts Pro Package ³
 - Fiery Spot Pro, Fiery ImageViewer, Fiery Preflight Pro, Fiery Postflight, Fiery Control Bar
- Fiery Impose ³ subscription
- Fiery Compose ³ subscription
- Fiery Impose-Compose ³ subscription
- Fiery JobMaster ³ subscription
- Fiery JobFlow ³
- ES-3000 spectrophotometer
- ES-6000 spectrophotometer
- Fiery Color Profiler Suite ⁴
- Fiery disk drive security kit
- Adobe Acrobat® Pro Kit
- Fiery NX Station GL/LS
- Fiery Manage
- Fiery ColorGuard ³
- RICOH TotalFlow® Bundles

Compatible RICOH software and hardware ⁵

- RICOH IPDS
- RICOH ProcessDirector
- RICOH TotalFlow Prep
- RICOH TotalFlow Production Manager
- RICOH TotalFlow BatchBuilder
- RICOH TotalFlow Producer
- RICOH Supervisor
- RICOH @Remote

¹ Updated with enhancements and service releases on an ongoing basis

² With proper configuration by end customer or service provider

³ Free 30-day trial available

⁴ Free trial in demo mode

⁵ Contact RICOH for a complete list



For more information, please visit www.fiery.com

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