



Fiery® Color Controller N-70A

Fiery FS500 Pro

Maximum performance for unparalleled creativity.

The top-of-the-line Fiery Color Controller N-70A, driving the RICOH Pro™ C7500, provides unlimited potential to unleash your imagination.

Unsurpassed speed

- Boost production capacity with Fiery HyperRIP™, which processes large and complex jobs, or high volumes of individual jobs, at faster speeds.

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.

Achieve precise colour every time.

- Fiery Edge™ profiles deliver stunning colour with the smoothest colour blends, maximum shadow details, and superb image definition.
- Built-in Fiery Spot Pro and Fiery ImageViewer ensure the most accurate brand colour reproduction and enable quick colour adjustments right at the DFE to keep production moving efficiently.
- Add Fiery ColorGuard™ to streamline colour verification tasks and track colour quality.

Speed makeready, reduce waste.

- Reduce setup time with Fiery JobExpert™, which analyses print jobs and dynamically chooses the optimal print settings.
- Built-in Fiery Preflight Pro provides the ultimate PDF quality control checks to identify potential errors and verify file compliance with industry standards.
- Perform complex document preparation with the included Fiery Impose-Compose, or add Fiery JobMaster™.
- 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-70A specifications

Fiery Driven™ engines

- RICOH Pro™ C7500
- Supports all engine finishing devices

Hardware and platform

- Intel® Xeon® Dual 12 Core Processor
- 32 GB RAM
- SSD boot drive for OS & Fiery software + 2 x 2 TB HDD
- USB 3.0: 4 rear ports, 3 on Fiery QuickTouch™ panel
- 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 color station toners
 - Calibration: neon pink, neon yellow, white
 - Profiled colours for gamut extension: neon pink, neon yellow
- Fiery Edge™ colour profiles
- Fiery Graphic Arts Pro Package (5-year subscription included)
 - Fiery Spot Pro, Fiery ImageViewer, Fiery Preflight Pro, Fiery Postflight, Fiery Control Bar
- 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

- Fiery HyperRIP™
- SmartRIP
- Spool-RIP-Print
- Strict ordered printing

Productivity and workflow

- Fiery Command WorkStation®
- Fiery JobExpert™
- Fiery Smart Estimator
- Fiery Impose-Compose (5-year subscription included)
- Fiery Console
 - Access Command WorkStation via printer UI
- Print Time Estimation
- Media Catalog
- 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

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)

Device management and analytics

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

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

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

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 ISCED-ICES-003 (US & Canada); EN 55032: 2015/BS 55032:2015; CE (EU)/UKCA(UK) Marks; RCM (AS/NZS) CISPR 32: 2013; CCC-China

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, EAC -Russia Regions

Optional Fiery software and hardware

- 5th color station kit
- 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

Nothing herein should be construed as a warranty in addition to the express warranty statement provided with Fiery, LLC products and services.

ColorGuard, ColorRight, Command WorkStation, ColorWise, Fiery, the Fiery logo, Fiery Compose, Fiery Driven, the Fiery Driven logo, Fiery Edge, Fiery Essential, Fiery HyperRIP, Fiery Impose, Fiery Impress, Fiery ImageViewer, Fiery Intensify, Fiery JobExpert, Fiery JobFlow, Fiery JobMaster, Fiery Prep-it, Fiery Prints, the Fiery Prints logo, Fiery TrueBrand, FreeForm, MicroPress, IQ, PrintMe, RIPChips, RIP-White-Print, Spot-On, Spot Pro, and WebTools are trademarks or registered trademarks of Fiery, LLC and/or its wholly owned subsidiaries in the U.S. and/or certain other countries. All other terms and product names may be trademarks or registered trademarks of their respective owners and are hereby acknowledged.

© 2023 FIERY, LLC. ALL RIGHTS RESERVED.

FTL_Rc_009.02.23