

The RICOH **fax3900L**
fax3900NF
LASER FACSIMILE SERIES



RICOH®

fax3900L fax3900NF

Ricoh's FAX3900 Series combines the simplicity of fax with the versatility and cost-effectiveness of e-mail. These two distinct models can be customized to meet your communication needs. The FAX3900 Series offers increased productivity, cost savings and the future of faxing today!

FAX3900L

A productive and powerful standalone facsimile with many features only found in larger, higher-end fax equipment. Although compact, the FAX3900L can be upgraded to provide Internet Faxing without the need of a LAN connection.

FAX3900NF

Provides the same advance features as the FAX3900L, but takes your communication capabilities to the next level by offering higher paper capacity and network connectivity including Internet and LAN faxing, right out of the box.



| FEATURE | FAX3900L | FAX3900NF |
|------------------------------|----------------|----------------|
| Standard/Max. Paper Capacity | 250/850 Sheets | 750/850 Sheets |
| CONNECTIVITY | | |
| Internet Fax (Dial-Up) | Option | Not Available |
| Internet Fax (Network) | Option* | Standard |
| Network Printing | Option* | Standard |
| Network Faxing | Option* | Standard |
| Network Scanning | Option* | Standard |

*Requires Installation of NIC Fax Kit 210.

Advanced Communication Systems

By incorporating the versatile RICOH® FAX3900 Laser Facsimile Series into your workplace, you're not only streamlining your communications with the most high performance fax capabilities available, you're also capitalizing on the future of advanced fax communications right here and now. Designed to cost-effectively meet all of your network communications and imaging needs, these sophisticated systems enhance your workflow and complement your workload with state-of-the-art Ricoh fax technology.

Advanced Fax Capabilities

The Ricoh FAX3900 Series provides cutting-edge fax features to make your business more productive and profitable:

- **Super G3 33.6 Kbps modem with JBIG Compression** ensures a fast, cost-cutting 3-pages-per-minute transmission speed—twice as fast as conventional fax modems!
- The **50-sheet Automatic Document Feeder** and **2-second per page* scan speed** make scanning and storing multi-page outgoing faxes into memory easy.
- In addition to the **standard 2 MB memory** capacity (160 pages), you can also add an **optional 2 MB or 4 MB memory card** to expand the document memory up to a maximum of 480 pages for uninterrupted performance.
- The FAX3900L/3900NF systems' fast **10-ppm printer engine** ensures that high-volume document processing runs smoothly and quickly, and that all of your outputs have a crisp and professional look.
- **Quick Memory Transmission** begins once the first page is scanned into memory and a connection is made. Additional pages are continually scanned during the transmission process, making for super-fast faxing.
- **Full Dual Access** enhances productivity by allowing you to do multiple tasks simultaneously such as scanning a document into memory while transmitting or receiving another document.
- The standard paper supply, 250 sheets for the FAX3900L and 750 sheets for the FAX3900NF, meets the most demanding environments and can be expanded to a **total capacity of 850 sheets** of either letter or legal sizes. For those occasional times when the paper may run out, documents are stored automatically into memory and printed when paper is replenished, so you never miss an incoming fax!
- **ISDN Digital Fax Option** provides 64 Kbps transmissions and a speed of 1.5 seconds per page! Plus, you'll gain a suite of reliable digital fax capabilities such as 99% error-free communications, consistent transmission speeds, image quality and secure communications.



Customized to Meet Your Office Environment

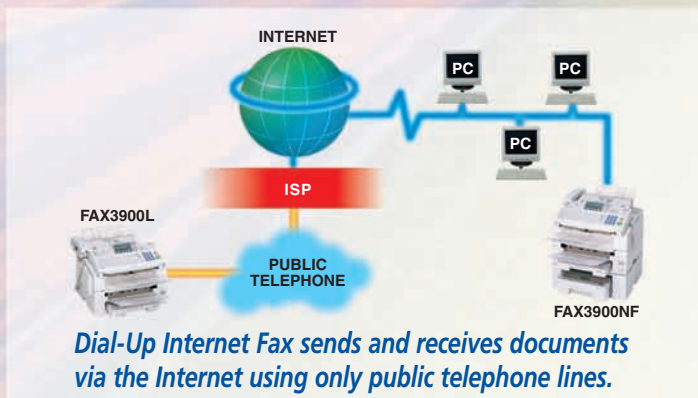


Sophisticated Internet Faxing and Network Communications

Whether in a network or standalone environment, the Ricoh FAX3900 Series offers Internet Fax capabilities to meet your needs. Fax documents that are traditionally sent over PSTN lines can now be easily sent over the Internet as e-mail, eliminating all long distance or international costs. Document management is also improved by allowing you to archive, forward, save or print the document, just like a normal e-mail. Only Ricoh lets you choose the model that is right for your communication environment:

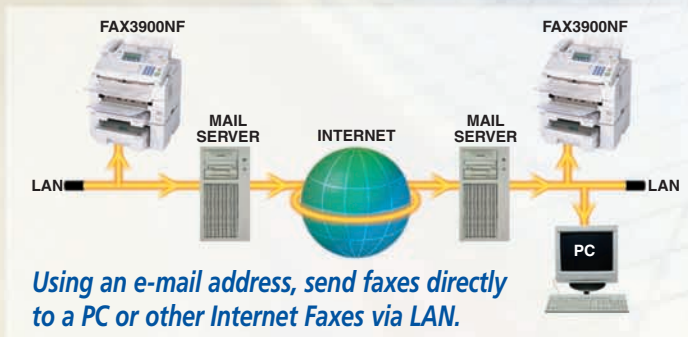
FAX3900L PSTN DIAL-UP (PDU) INTERNET FAX

By adding the PSTN Dial-Up (PDU) Option, users can have Internet Fax capabilities. The PDU allows for direct dial-up through a normal phone line to a designated Internet Service Provider (ISP). Then e-mail messages are easily sent through the Internet.¹



FAX3900NF NETWORK INTERNET FAX

The FAX3900NF provides Internet Fax and network connectivity right out of the box. There are no options to install or software to provide. In addition to Internet Faxing, the FAX3900NF provides powerful network features designed to allow large workgroups to streamline communications, improve document workflow and reduce costs.



Ricoh's third generation Internet Fax provides new enhanced features to further increase your efficiency:

- **Delivery Confirmation** – When an e-mail is sent with a confirmation request, a confirmation message is automatically returned to the sender upon opening the document. This message can be listed on the journal or on the sender's display.²
- **Programmable Subject** – When sending a document via Ricoh's Internet Fax, the subject of the document can be typed in directly from the keyboard allowing the receiver to immediately identify the subject of the e-mail before opening it.

STANDARD FAX3900NF NETWORKING FEATURES

- **LAN (Local Area Network) Faxing** – Allows multi-user workgroups on a network to increase productivity by easily faxing documents from their desktop to any G3 fax. Ricoh's easy-to-use LAN Fax Driver allows any PC on the network to LAN Fax, saving time and reducing costs.
- **Inbound Fax Routing** – All incoming faxes can be conveniently routed directly to an individual's PC.
- **Network Scanning** – The FAX3900NF functions as a network scanner with scan-to-e-mail capabilities for easy document distribution or archival.
- **Automatic Document Back-Up** – The FAX3900NF can be programmed to automatically back-up all incoming and outgoing faxes, Internet Faxes and LAN Faxes for easy archival of all communications.
- **NIC FAX Monitor Software** – Allows you to program e-mail addresses and fax numbers in quick, speed and group dials directly from your PC.
- **IC Viewer Software** – Can display, edit and save Internet Fax documents right from your PC.

Faxing Made Simple

The FAX3900 Series has been specifically designed so that anyone can just step up and start working. These user-friendly systems boast many easy-to-operate features such as:

- The newly designed **Control Panel**, with dedicated keys for advanced functions and its easy-to-read 2-line Back-Lit LCD Display with upper and lower case letters, allows you to quickly navigate and program your desired tasks and check the status of all your transmissions.
- A handy **Status Indicator** provides operational status from a distance. A green light flashes during transmission and reception. A red light flashes when the toner, paper supply, or communication error requires immediate attention.

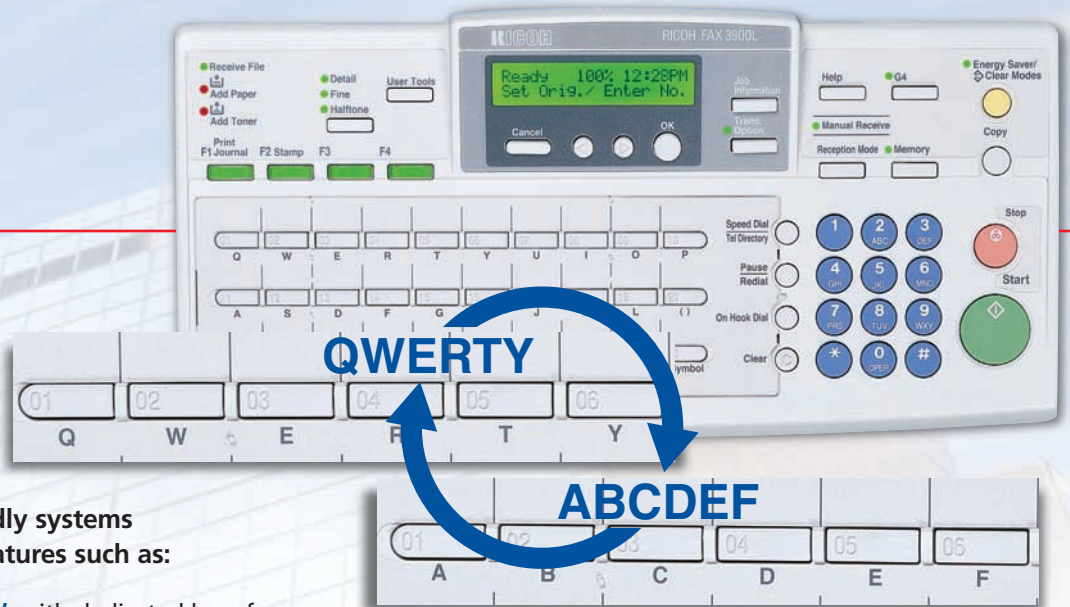


Status Indicator

When Security and Confidentiality Count

The FAX3900 Series provides you with advanced security features that ensure your documents are received confidentially:

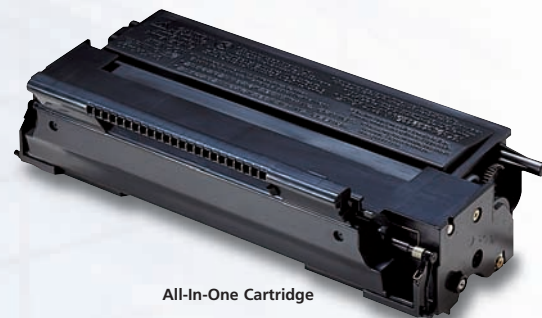
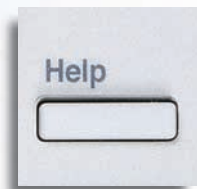
- The **Restricted Access** feature requires that the user first enters an authorization code to prevent unauthorized people from using the FAX3900 Series.
- **Memory Lock** automatically stores incoming faxes into memory so no one can read your confidential messages. Just enter in your ID code and the documents are printed for your eyes only.



QWERTY

ABCDEF

- The **Intuitive Keyboard** is in a QWERTY format, meaning it is configured like a PC keyboard allowing you to easily input e-mail addresses, destination labels, fax headers and names. Or if you prefer, the keyboard can be quickly changed to the traditional ABCD format.
- The dedicated **Help Key** prints out basic instructions for the most frequently used features providing quick, on-the-spot convenience. This feature eliminates a time-consuming search through the Operator's Manual.
- **Reverse Order Printing** prints documents face down, so they are received confidentially and are in numeric order for quick and immediate distribution.



All-in-One Cartridge

- An **All-in-One Cartridge System** provides long life (Yield: 4,500 pages at 4%*), seamless operation and easy maintenance. Plus, it eliminates the need for buying, storing and replacing separate consumables.

The Ricoh fax3900 Series . . . Customized to Meet Your Needs.

FAX3900L/3900NF SPECIFICATIONS

Type: Desktop Facsimile
Recording Method: Laser Plain Paper
ITU-T Compatibility: Group 3 (V.34); Group 4 (optional)
Modem Speed: 33,600 bps with auto fallback
Maximum Transmit Speed[†]: 3 seconds* (1.5 seconds – G4)
Data Compression: MH, MR, MMR, JBIG
Scan Speed: 2 seconds*
Dual Access: Standard
Standard Document Memory: 2 MB (160 pages*)
Optional Document Memory: 2 MB/4 MB (up to 480 pages*)
AutoDialer: 30 Quick Dials; 100 Speed Dials; 7 Groups
User Function Keys: Four dedicated keys
Document Memory Back-Up: 1 hour
ADF Capacity: 50 sheets
Maximum Document Width/Scan Width: 8.5"/8.2"
Document Length: 4.1" to 14"
Scan Resolutions: Standard: 200 x 100 dpi
Detail: 200 x 200 dpi
Fine: 200 x 400 dpi
Halftone: 64 shades of gray
Maximum Print Speed: 10 pages per minute
Maximum Recording Width: 8.2"
Resolution Enhancement: Super Smoothing HQ™
Maximum Recording Paper Size: 8.5" x 14"
Standard Paper Capacity: 250 sheets (3900L)
750 sheets (3900NF)
(letter/legal)
Optional Paper Capacity: 500-sheet second cassette (3900L)
100-sheet bypass tray
LCD Display Size: 2 lines (20 characters ea.)
Power Consumption: Energy Saver Mode: Less than 2 watts
Power Requirements: 115 VAC, 60Hz
Dimensions (W x D x H excluding trays and projections):
FAX3900L: 16.5" x 16.3" x 12.1"
FAX3900NF: 16.5" x 16.3" x 19.4"
Weight: FAX3900L: 28 lbs. FAX3900NF: 38.1 lbs.

TRANSMISSION FEATURES

Auto Document
Automatic/Manual Redial
Back-Up Transmission
Batch Transmission
Chain Dialing
Closed Network Transmission
Confidential Transmission with ID
Direct Fax Number Entry
Forwarding
Immediate Transmission
ITU-T Correction Mode
Label Insertion
On-Hook Dialing
Page Retransmission
Pause Key
Polling Transmission
Quick Memory Transmission
Ricoh AI Redial
Send Later
Serial Broadcast (Immediate/Later)
TTI/RTI/CSI
Telephone Directory
Transmission Deadline
Transmission Page Count

RECEPTION FEATURES

Authorized Reception
Automatic/Manual Reception
Center Mark
Checkered Mark
Closed Network Reception
Confidential Reception
Continuous Polling
Memory Lock
Memory TX Stop Key
Multi-Polling Reception
Multi-Sort Document Reception
Poll Later
Polling Reception (with and without ID)
Reception Time Printing
Reverse Order Printing
Specified Cassette Selection**
Substitute Reception
Transfer Request
Two in One Reception

GENERAL FEATURES

Auto Start Initial Setup
Blank Document Detection
Copy Mode (up to 99 copies)
Copy Prohibition
Dual Access
Energy Saver Mode
Help on Demand
Keystroke Programs
Label Registration for Quick/Speed Dials
Monitor Speaker
Personal Codes (30 codes)
Power Saving Timer
Print Density Control
Program from AI Redial Memory
Programmable Ring Times
Remaining Memory Indicator
Restricted Access
Stamp (ADF Verification)
Summer Time/DST Setting
Switchable Keyboard Layout
Wild Cards

OPTIONS/SUPPLIES

Feature Expander Type 20-D/40-D – Fax Memory Expansion (2 MB/4 MB)
Paper Feed Unit Type 180 (500 sheets letter/legal sizes)
ISDN G4 Interface Kit Type 190
Handset Type 100
Mechanical Counter Type 210
Bypass Feeder Type 180 (100 sheets letter/legal sizes)
NIC Fax Kit Type 210 (FAX3900L only)
PDU Kit Type 210 (FAX3900L only)
ADF Maintenance Kit Type 210

ISDN DIGITAL FAX SPECIFICATIONS

ISDN Standard: National ISDN-1
Line Requirements: ISDN Basic Rate Interface (BRI)
ISDN Interface: S/T Interface (RJ-45), (NT-1 required)
Data Transmission Speed: 64 Kbps ISDN
Transmit Resolution: Standard: 200 x 100 dpi
Detail: 200 x 200 dpi
Fine: 200 x 400 dpi

INTERNET FAX SPECIFICATIONS (NETWORK)

Network/Connection: LAN (Local Area Network)
10/100BaseT Ethernet
Internet Protocols: SMTP, TCP/IP, POP3
E-Mail Format: Single/Multipart MIME Conversion
Attached File Format: TIFF-F, DCX
Document Size: Letter (larger documents will be reduced to letter size)
Scan Resolution: 200 x 100 or 200 x 200 dpi
Communication Speed: ITU-T T.30
Software Components: IC Viewer, IC Fax Monitor, IC Fax, NIC Card, Operating Instructions

INTERNET FAX SPECIFICATIONS (DIAL-UP)

Network: Public Switched Telephone Network (PSTN)
Private Branch Exchange (PBX)
Document Size: 8.5" x 11" (letter)
Transmit Protocols: Connection to ISP: PPP Connection
E-Mail Sent: SMTP, TCP/IP
E-Mail Received: POP3, TCP/IP
E-Mail Format: Single/Multi-Part MIME Conversion
Attached File Format: TIFF-F, DCX
Scan Resolution: 200 x 100 or 200 x 200 dpi
Communication Speed: ITU-T T.30

1 ISP must meet certain requirements. Contact Ricoh for details.

2 Requires message disposition on mail system.

† Approximately 3 seconds per page at 33.6 Kbps is dependent on optimal line quality and customer performance may vary by location. Current systems used by the Public Switched Telephone Network (PSTN) generally support 28.8 Kbps modem speeds or lower.

* Based on ITU-T Test Chart #1 in standard mode.

** Requires Optional Paper Feed Unit.

Specifications are subject to change without notice.



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