

The RICOH

# **fax3310L**

WORKGROUP LASER FACSIMILE



**RICOH®**

# Efficient, Simple, Versatile . . . Made For The

**W**hen it comes to achieving optimal productivity, we count on the performance of our business equipment just as much as we do the performance of our workforce. The highly reliable **RICOH FAX3310L Workgroup Laser Facsimile** effectively streamlines workflow and communications with many advanced productivity-enhancing features.

A fast 3-second-per-page transmission speed<sup>2</sup>, 33.6 Kbps modem, 15 ppm print speed, 240 page<sup>2</sup> expandable memory and a host of other convenient functions are all at your disposal and designed for ease of use so you can complete your work most efficiently. Plus, greater versatility can also be yours by incorporating a PCL printer option, which allows you to continually create high-quality 600 dpi output whether printing from a parallel connected PC or through its optional network interface.

Completing this affordable compact package is the dependability that's always assured due to impressive state-of-the-art engineering By RICOH®, a longstanding industry leader in cutting-edge imaging and communication technology. The FAX3310L is built to take on any job, so you can too.

## Working Efficiently Means More Time & Cost Savings

- Equipped with a **standard 33.6 Kbps modem** with **JBIG compression**, the Ricoh FAX3310L swiftly transmits your documents to anywhere in the world at three seconds per page<sup>1</sup>, keeping operation costs low.

**SUPER  
G3**

- The reliable 50-page **Automatic Document Feeder** enables large multi-page documents to be scanned to memory at a fast 2.8 seconds per page<sup>2</sup>, or transmitted directly from the **ADF**.
- By using **Memory Transmission**, documents do not have to be left in the document feeder if the fax unit is busy. Simply scan the document into memory and transmission will take place once the phone line is available again. With the **Parallel Memory Transmission** Feature the FAX3310L will dial and begin transmission after the first page has been scanned, further speeding up the document transmission process.
- **Dual Access** lets you store documents into memory while printing or transmitting another job from memory so your workflow is uninterrupted.

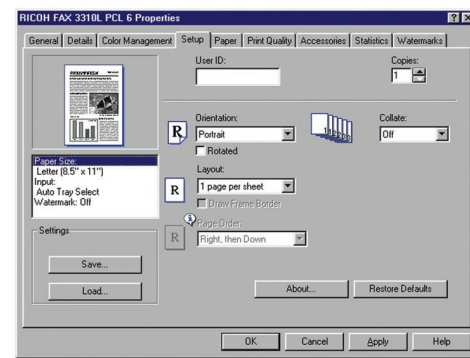
- **Auto Document** lets you store frequently sent documents such as directions, specifications, pricing, cover pages, etc. into memory and sending it whenever required. This eliminates having to pull the document from a file when needing to send it and it also means that the document being sent is always clean.

- Output printing at a fast **15 page per minute print speed** further heightens productivity.

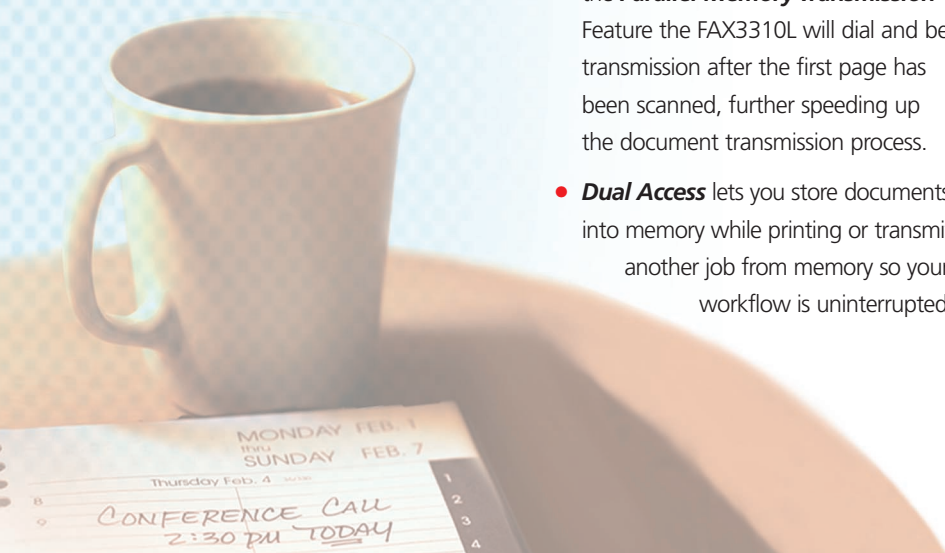
- **Energy Saving**. During those times when the FAX3310L is idle it will continue to save you money by going into an Energy Saver Mode, consuming only 1.2 watts<sup>4</sup> or less of electricity. The FAX3310L is fully **Energy Star compliant**.



## A Great Fax. A Great Printer.



- **Optional Print Capability**. Make your FAX3310L even more powerful with the **Printer Option**, which can be connected directly to a PC or to a network with the optional Network Interface Board.
- You'll enjoy **15ppm** high-quality true **600 dpi** output with its **PCL5e/PCL6** capability, plus other productive features like standard **16 MB printer memory** (expandable to 128 MB), document collation, slip sheet insertion, plus optional **PostScript Level II** compatibility for Macintosh users.
- Utilizing the built-in by-pass tray you can also print on labels, overhead projector transparencies, and postcards.
- Ricoh's unique edge smoothing enhances your printed document to appear as if printed at 1200 dpi.



# Work You Do

## Versatility That Fits Right In Your Office

The sleek, compactly designed Ricoh FAX3310L fits even into the tightest office spots, yet offers just as much versatility as many larger fax systems.



FAX3310L shown with optional paper feed unit

- The standard **250 sheet, front loading paper tray**, and **100 sheet bypass tray** can be supplemented with an **optional 500 sheet tray**, providing a total paper capacity of 850 sheets.

- **Separate toner and development units** make for easy replacement (as easy as replacing an All-In-One Cartridge) and result in lower cost per page.



The developer also contains a user replaceable **Photo Conductor Unit** to minimize maintenance costs.

Toner Cassette yields 5,000 pages at 4% coverage.<sup>2</sup>  
Developer Unit yields 45,000 pages at 4% coverage.<sup>2</sup>

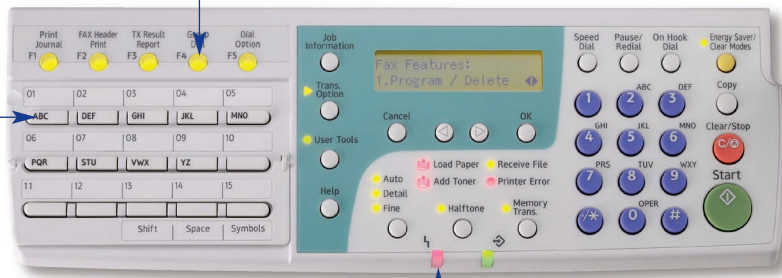
- The FAX3310L delivers exceptional print quality when receiving documents, utilizing Ricoh's **Super Smoothing HQ...** advanced technology that eliminates rough edges on diagonal lines and curves, and its **64 Gray Scales of Halftone Mode** utilizing Ricoh's **Error Diffusion Method**. This technology reproduces vivid halftones of photos and illustrations while keeping text crisp at the same time.
- In addition to the standard **3 MB (240 pages) memory capacity**, which features a 12-hour memory backup, you can also add optional memory (40MB) expanding it to 1,500 pages. Memory allows documents to be received and stored in memory should paper run out, then printed once the paper is replenished. With the 40MB expansion, memory is retained indefinitely so that documents are not lost even if there is a loss of power.

## Keeping It Simple . . . So You Can Work Easier

Performing an operation on the Ricoh FAX3310L is simply a snap.

- Easy to read and use, the **straightforward Operation Panel** clearly guides you through any function.

- **Five Programmable User Function Keys** give users one-touch access to their most frequently used features.



Rico FAX3310L Operation Panel

- Store up to 30 frequently called fax numbers in the FAX3310L's **Quick Dial keys** for immediate one-step transmission.

- The **Status Indicator Lights** keeps you informed of the operational status of the fax system even from a distance. A green light indicates a transmission or reception is in process, while red indicates that toner or paper is out or there is a communication error.

# RICOH®

## RICOH FAX3310L SPECIFICATIONS

**Type:** Desktop Facsimile  
**Recording Method:** Laser  
**ITU-T Compatibility:** Group 3 (V.34); ECM  
**Modem Speed:** 33.6 Kbps with auto fallback  
**Maximum Transmit Speed:** 3 seconds<sup>1</sup>  
**Data Compression:** MH/MR/MMR/JBIG  
**Scan Speed (standard resolution):** 2.8 seconds<sup>2</sup>  
**Dual Access:** Standard  
**Standard Document Memory:** 3 MB (240 pages<sup>3</sup>)  
**Optional Document Memory:** 40 MB (1,500 pages<sup>3</sup>)  
**AutoDialer:** 30 Quick Dials, 50 Speed Dials, 5 Groups  
**User Function Keys:** 5 Dedicated keys  
**Document Memory Backup:** 12 Hr (standard memory)

**Auto Document Feed Capacity:** 50 Sheets  
**Maximum Document Width/Scan Width:** 8.5"/8.4"  
**Document Length:** 23.7"  
**Scan Resolution:** Standard: 200 x 100 dpi  
Detail: 200 x 200 dpi  
Fine: 200 x 400 dpi

**Halftone:** 64 Shades of gray with Error Diffusion  
**Maximum Print Speed:** 15 pages per minute  
**Maximum Print Resolution:** 600 dpi  
**Resolution Enhancement:** Super Smoothing HQ™  
**Maximum Recording Width:** 8.4"  
**Maximum Recording Paper Size:** 8.5" x 14"  
**Standard Paper Capacity:** 250 Sheet cassette tray  
100 Sheet By-pass tray

**Optional Paper Capacity:** 500 Sheet  
**LCD Display Size:** 2 Lines (22 Characters)  
**Power Consumption:**  
Energy Saver Mode: 1.2W and lower (without options)  
**Power Requirements:** 115 VAC, 60Hz  
**Environment:** 59 to 77°F, 30 to 70% RH  
**Dimensions (WxDxH):** 17.9" x 19.8" x 16.4"  
(without options)  
**Weight:** 40.8 lbs. (without options)

## GENERAL FEATURES

Auto Collation  
Auto Document  
Auto Document Feeder  
Auto Start Initial Setup  
Clock With Auto Daylight Savings Time  
Direct Fax Number Entry  
Dual Access  
Energy Saver Mode  
Fax Number Entry Before Loading Document  
File List  
Group Dial  
Group Dial List Report  
Halftone with Error Diffusion  
Help on Demand  
Keystroke Programs  
Label Registration for Quick/Speed Dials  
LCD Prompts  
Memory Storage Report  
Ozone Emission-free  
Program List Report  
Personal Codes and Code List Report  
Print Quick Dial Labels  
Quick Dial Keys and Quick Dial List Report  
Remaining Memory Indicator  
Resolution Control

## GENERAL FEATURES (cont.)

Restricted Access  
Scanner Cleaning Notification  
Specified Cassette Selection List Report  
Speed Dial Codes and Speed Dial List Report  
Telephone Connection  
Telephone Directory  
Usage Counter  
User Function List Report  
User Parameter List Report  
Wild Cards

## COMMUNICATION FEATURES

Answering Machine Interface  
Automatic Fax/Tel Change  
AI Redial  
Busy Tone Detection  
Chain Dialing  
Communication Failure Report  
Distinctive Ring Detection  
Error Correction Mode  
Error Report  
Monitor Speaker  
On Hook Dialing  
Power Failure Report  
Pulse/Tone Selection  
Redial (Auto/Manual)  
Shortened Protocol

## TRANSMISSION FEATURES

Batch Transmission  
Blank Document Detection  
Closed Network  
Confidential Transmission with ID  
Fax Header (TTI)  
Forwarding  
Immediate or Memory Transmission  
Label Insertion  
Memory Transmission Immediate Stop  
Memory Transmission Result Report  
Page Count  
Page Retransmission  
Quick (Parallel) Memory Transmission  
Send Later  
Serial Broadcasting (Immediate and Later)  
Transmission Confirmation Report  
Transmission Result Report

## RECEPTION FEATURES

Authorized Reception  
Auto or Manual Reception  
Closed Network  
Confidential Reception with ID  
Confidential Reception Report  
Continuous Polling  
Document Separation Mark (Checkered)  
Memory Lock (All or By Address)  
Multi-Polling Reception  
Page Separation & Length Reduction

## RECEPTION FEATURES (cont.)

Poll Later  
Polling Reception (With and Without ID)  
Reception Mode Selection (Auto/Manual)  
Reception Time Printing  
Specified Cassette Selection  
Substitute Reception

## COPY FEATURES

Copy up to 99 copies  
Copy at 15 pages per minute

## PRINTER FEATURES

15 ppm at 600 dpi With Edge Smoothing  
Bi-Directional Parallel Port  
Collated Printing  
Font Download  
Network connectable (Requires Opt. NIB)(Ethernet)  
Network OS  
- Novell NetWare 3.x, 4.x, and 5.x  
- MS Windows NT 4.0/2000  
- MS Windows 95/98/Me/XP  
- Mac OS 8.x, 9.x, and X  
(Mac OS X (Classic) is supported)  
PCL5e/6 Compatibility  
- MS Windows 95/98/Me/XP  
- MS Windows NT 4.0/2000  
PostScript 2 Compatibility (Optional)  
- MS Windows 95/98/Me/XP  
- MS Windows NT 4.0/2000  
- Macintosh driver  
Printer Driver Features  
- Custom Paper Size  
- Layout  
- Page Protect  
- Page order<sup>3</sup>  
- Paper Selection  
- Slip Sheet<sup>3</sup>  
- Toner Saver  
- User ID  
- User Code  
- Watermarks  
Resident Fonts  
- PCL Fonts = 10 TrueType / 35 Intellifonts  
- PS Fonts = 80 (Only available with PS2 Opt.)  
10/100 Base-T Network Interface Board (Opt.)

## OPTIONS & SUPPLIES

ADF Maintenance Kit Type 300  
Developer/Photo Conductor Unit Type 1013  
Feature (Memory) Expander Card Type 300 (40MB)  
(non volatile)  
Photo Conductor Unit Type 1013  
Printer Interface Type 1013 (see Printer Features)  
Telephone Handset Type 1018  
Toner Cartridge Type 1160 Black  
Type 1018 PS2 Compatible Kit  
10/100 Base-T Network Interface Board Type 1018  
32 MB Printer Memory  
64 MB Printer Memory  
128 MB Printer Memory  
500 Sheet Paper Cassette

- 1 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 (SPTN) generally support 28.8 Kbps modem speeds or lower.
  - 2 Based on ITU-T Test Chart #1 in standard resolution.
  - 3 Not available for PS2/MAC
  - 4 Without options
- Specifications are subject to change without notice.



**EPA 2000 Office Equipment Partner of the Year (5th consecutive year)**  
**EPA 2000 Labeling Partner of the Year**  
Ricoh Corporation has determined that this product meets the Energy Star® guidelines for energy efficiency.

Printed in U.S.A. on recycled paper because Ricoh cares.

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OF THE PGA OF AMERICA



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Image Communication

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