

Gestetner

Productive standalone or networked communication systems



F A C S I M I L E S Y S T E M S

F540/F550

70-Sheet Automatic Document Feeder

1 x 250-Sheet Paper Tray

2 x 500-Sheet Paper Trays



100-Sheet Bypass Tray

Paper up to 8.5" x 14"
Heavier weights 16 - 42 lbs.
Envelopes
Postcards
OHP Transparencies
Adhesive Labels

Communication Powerhouses Combine Advanced Fax Functionality With Connectivity.

A PERFECT BLEND OF SPEED, AGILITY AND FLEXIBILITY MAKE THE GESTETNER F540 AND F550 THE OBVIOUS CHOICES FOR DEMANDING FAX ENVIRONMENTS. AND, WHEN YOU ADD NETWORK CONNECTIVITY TO THE MIX, YOU'LL FURTHER ENHANCE WORKGROUP PRODUCTIVITY WITH COLOR/BLACK AND WHITE NETWORK SCANNING, INTERNET FAX, REAL-TIME IP FAX, VOIP COMPATIBILITY, LAN FAX AND NETWORK PRINTING.

BUSINESS FAX PERFORMANCE

Hardcopy is here to stay, and that's why you need a facsimile system that takes you through even the busiest days. A wide array of serious fax technology – from ultra-fast communications to intelligent memory management to a range of paper handling capabilities – ensures that the F540 and F550 are up for any fax challenge.

SERVER DOMAIN AUTHENTICATION (F550 ONLY)

When security and user tracking are issues for IT Managers, Server Domain Authentication is standard on the F550 and only needs to be turned on.*

*Server Domain Authentication must be turned on by your authorized service representative.

Authentication limits access to the F550, increasing security by monitoring machine usage. Machine access is given only to users with a Windows domain controller account.

Server Authentication will limit access to the F550 not only for scan to e-mail, but also for standard faxing, IP Faxing, and LAN Faxing.

HIGH-SPEED COMMUNICATION

Transmit high-quality faxes in as little as 2 seconds per page with the F540/F550's standard **Super G3 Modem** and **JBIG Compression**. This powerful combination reduces transmission times for all documents – even those with complex graphics and halftone images – resulting in substantially reduced phone charges.

OPTIONAL DUAL LINE COMMUNICATION

If you have a busy fax environment, then add the **Dual Line Communication** option and transmit and receive fax documents simultaneously. Or, split large fax broadcasts in half and send them at the same time. It's like getting a second fax system.

PRODUCTIVE PAPER HANDLING

With the F540/F550 you can fax, print and scan a variety of document sizes and types. A generous paper supply – up to 1,350 sheets – ensures uninter-

rupted performance during peak operating times. A variety of paper sources – including a **100-Sheet Bypass Tray** – provide access to multiple media types and sizes at all times.

The F540 and F550 automatically scan, collate and transmit two-sided documents, eliminating the expense of creating single-sided originals. Additionally, **Automatic Duplexing** prints incoming faxes – and print jobs – on both sides of the page, reducing paper costs and freeing valuable storage space.

ALWAYS USER FRIENDLY

An extra-large **Control Panel** – featuring a backlit LCD Display – provides quick access to all of the F540/F550's features. Enter all programming information – from speed dials to e-mail addresses – using the familiar QWERTY keyboard. Program the features you use on a daily basis and then access them with the touch of a button. And, a space-saving wingless design lets you locate your F540/F550 precisely at the point of need – even if office space is in short supply.

LAN FAX

The F550 includes all the software necessary for a versatile and timesaving LAN Fax solution. Eliminate unproductive trips between your desk and the fax when you send faxes directly from your PC. And, for electronic fax messages that demand attention, personalize cover pages with your company logo using the **Cover Editor**.

Easy To Use Control Panel

10 User Function Keys

Dedicated Internet Fax, scan to e-mail and JPEG Keys. Each key can be programmed with a frequently used feature.

User Tools Key

Opens the function menu to quickly select program settings.

2-Line, 22-Characters Per Line LCD

With backlighting for easy reading.

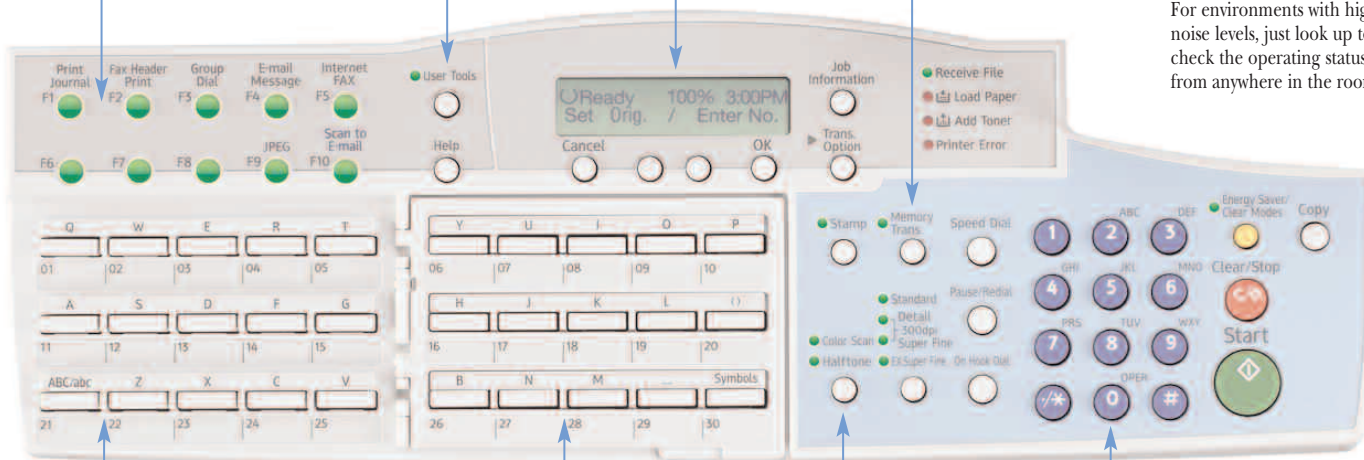
Memory Trans. Key

Easily select Memory and Immediate Transmission Mode.



Status Indicator Light

For environments with high noise levels, just look up to check the operating status from anywhere in the room.



QWERTY Style Keyboard

Enter information ranging from basic programming to speed dials to e-mail addresses using the familiar and standard QWERTY keyboard.

90 Quick Dial Keys

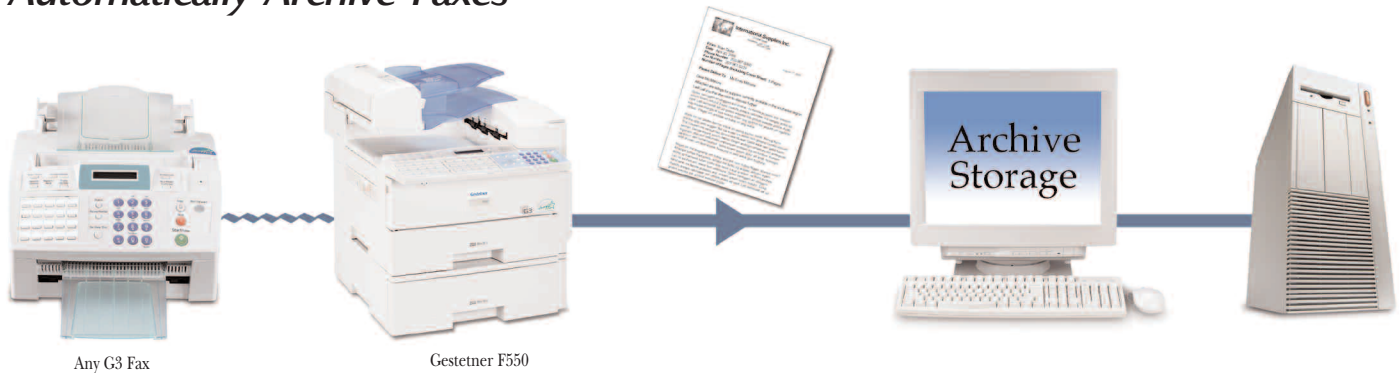
The Quick Dial Keys transmit with one touch. There are also 200 speed dial numbers.

Color Scan/ HalfTone Key

10-Digit Keypad

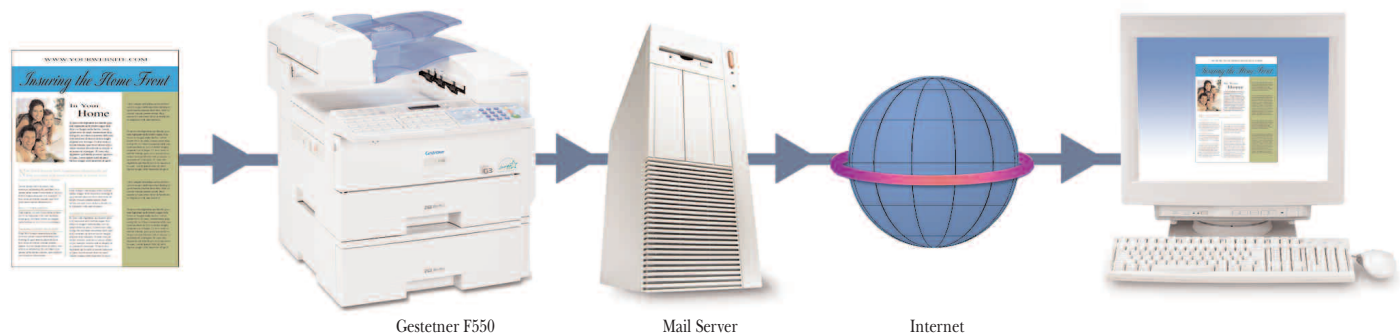
Manually enter fax numbers, e-mail addresses or other program data.

Automatically Archive Faxes



Incoming documents are printed and electronic back-up files can be automatically sent for archiving.

Color Scan to E-mail



There's no need to settle for black and white when you can communicate in vibrant, eye-catching full color. Virtually any paper document, including color photos, brochures, maps, business charts and floor plans can be scanned into memory (as a PDF or JPEG file) and transmitted directly to the recipient's e-mail inbox. It's fast, easy and there are no telephone charges.

FULL COLOR AND BLACK AND WHITE NETWORK SCANNING

Network scanning reduces hardcopy document storage requirements, implements a productive document collaboration strategy and speeds job turnaround time.

Scan to File gives everyone instant access from the desktop. Plus, scanned documents are easy to manage with DeskTopBinder Document Management software.

With the **Scan to E-mail** function, you can scan full color (JPEG or PDF) – or black and white (TIFF or PDF) – documents directly to specified e-mail addresses for virtually instantaneous electronic document delivery. Selecting the desired file format is easy – just touch a button on the Control Panel.

INTERNET FAXING, REAL-TIME IP FAXING, AND VoIP

There's no need to keep paying long distance phone charges

when you can fax for free using the Internet! Transmit hardcopy to any e-mail address – or ITU-T.37-compliant Internet Fax – with the F550's **Internet Faxing** function. Or, communicate without an e-mail server via **Real-Time IP Faxing** (a network of F550s or ITU-T.38-compatible systems). Either way, communication is high speed and you eliminate costly long distance or international phone charges.

The F550 is VoIP compatible, so if you currently have – or are moving to – a VoIP phone system, then the F550 will be a perfect fit.

NETWORK PRINTING

At 15 ppm, the F540/F550 are ideal ways to implement a back-up printing strategy or to complement existing network printers. PCL6/5e and PostScript 2 ensure PC and Mac compatibility. And, resolutions up to 600 dpi make every document stand out from the crowd.

The Features You Need



Features	F540 Standalone Fax System	F550 Network Fax System
Standard Paper Capacity	750 Sheets (One 250-sheet tray + one 500-sheet tray)	350 Sheets (One 250-sheet tray + one 100-sheet Bypass Tray)
Optional Paper Capacity	600 Sheets (One 500-sheet tray + one 100-sheet Bypass Tray)	1,000 Sheets (Two 500-sheet trays)
Maximum Paper Capacity	1,350 Sheets	1,350 Sheets
2nd 33.6Kbps Modem with JBIG	Optional	Optional
Color Scan to E-mail	Optional	Standard
Internet Faxing T.37	Optional	Standard
IP Faxing Real Time T.38	Optional	Standard
VoIP Compatibility	Optional	Standard
LAN Faxing	Optional	Standard
PCL5e/6 600 dpi Printer	Optional	Optional

WEB BROWSER MANAGEMENT

Easily program, manage and monitor the F550 from your PC via a standard Web Browser. Quickly program Speed Dials and e-mail addresses. Access multiple usage settings, including Automatic Dialing Destinations, File Backup Operations and General Settings. View real time system status, including Memory and Toner

Levels, Memory Usage Document Status and more.

WHICH SYSTEM IS RIGHT FOR YOU?

Gestetner F540

If the majority of your business associates prefer to deal with hardcopy fax documents, then the F540 is the ideal fax for the job. With easy access to all fax capabilities, the F540 fits nicely

in mid-volume fax environments. And, as your business expands, it's easy to add network connectivity with the optional Network Interface Card.

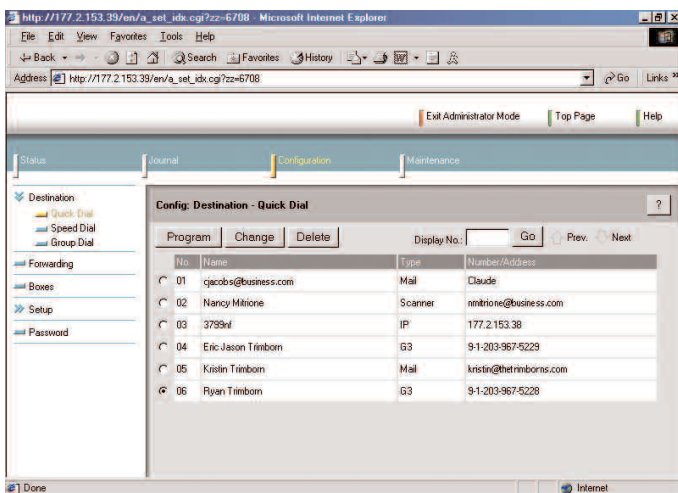
Gestetner F550

If you're dealing with business contacts that require a combination of hardcopy and electronic communication capabilities, the F550 is the one for you. Providing all of the fax functionality of the F540, the F550 adds color/black and white network scanning, LAN Fax, Internet Fax and Real-Time IP Faxing to the mix – ensuring optimal flexibility.



Easy Maintenance

Full Front Access to consumables simplifies routine maintenance.



The F550 can be accessed remotely through a web browser for quick, simple programming.

With the Gestetner F540 and F550, smarter and more productive fax management begins when you open the box. For more information, contact your authorized Gestetner dealer.

www.gestetnerusa.com

A SOLID ENVIRONMENTAL RECORD

An environmentally aware design – including compliance with the Environmental Protection Agency's Energy Star® Program, recyclable parts, duplex printing and totally ozone-free operation – makes the F540/F550 responsible choices.

Gestetner F540/F550

Specifications

Type	Desktop Facsimile
Recording Method	Laser
ITU-T Compatibility	Group 3 (V.34); ECM
Modem Speed	33.6 Kbps with Auto Fallback
Transmit Speed (Max.)	2 seconds per page ¹
Data Compression	MH/MR/MMR/JBIG
Scan Speed (Letter, Standard Resolution)	1.3 seconds per page ² B&W 4 seconds per page Color
Dual Access	Standard
Document Memory (Standard)	7MB (560 pages ²)
Document Memory (Optional)	40MB (2,200 pages ²)
Autodialer	90 Quick Dials; 200 Speed Dials; 9 Groups
User Function Keys	10 (dedicated keys)
Document Memory Backup	12 hours with Standard Memory; infinite with 40MB Memory Card
Automatic Document Feeder Capacity	70 sheets
Document Width/Scan Width/Length (Max.)	8.6"/8.48"/47.2"
Scan Resolution	Standard: 200 x 100 dpi Detail: 200 x 200 dpi Super Fine: 400 x 400 dpi Extra Super Fine: 600 x 600 dpi Halftone: 64 levels with ARGONA ³
Print Speed (Max.)	15 pages per minute
Print Resolution (Max.)	600 dpi (fax and printer)
Resolution Enhancement	Super Smoothing HQ SM
Recording Width/Paper Size (Max.)	8.26"/8.5" x 14"
Paper Capacity (Standard)	
F540	250-sheet letter-size cassette + 500-sheet letter-/legal-size cassette (750 sheets)
F550	250-sheet letter-size cassette + 100-sheet Bypass Tray (350 sheets)
Paper Capacity (Optional)	
F540	500 sheet letter-/legal-size cassette + 100 sheet Bypass Tray
F550	500 sheet letter-/legal-size cassette x 2
Paper Capacity/Sources (Max.)	1,350 sheets/4
Multi-Copy Capacity	Up to 99 (with duplexing)
LCD Display Size	2 lines (22 characters each line)
Power Consumption	Max: Less than 1000W Min: Less than 2W/6W
Power Requirements	120V, 60Hz
Environment	59 to 77° F, 30 to 70% RH
Dimensions (WxDxH)	
F540	17.6" x 21.7" x 21.6"
F550	17.6" x 21.7" x 16.2"
Weight	
F540	61.7 lbs.
F550	50.7 lbs.
Optional PFU	
Dimensions (WxDxH)	17.0" x 16.1" x 5.5"
Weight	10.6 lbs.
Consumable Yields	Toner Cartridge: 5,000 pages ²
Photoconductor Unit	45,000 pages

Internet Fax/IP FAX/VoIP/Scan To E-mail (NIC Fax Unit)

Network/Connection	LAN, 100/10Base-T Ethernet, RJ-45
Transmission Speed	100/10 Mbps
Document Size Compatibility	8.5" x 11", 8.5" x 14"
Internet Fax:	ITU-T Rec. T.37
IP Fax:	ITU-T Rec. T.38
Scan Resolution	
Internet Fax	Standard: 200 x 100 dpi Detail: 200 x 200 dpi
IP Fax/VoIP	Standard: 200 x 100 dpi Detail: 200 x 200 dpi Super Fine: 400 x 400 dpi Extra Super Fine: 600 x 600 dpi
Scanner	Std. B&W: 200 x 100 dpi Std. Color: 100 x 100 dpi Detail: 200 x 200 dpi 300 dpi: 300 x 300 dpi Super Fine: 400 x 400 dpi Extra Super Fine: 600 x 600 dpi

Internet Fax/IP FAX/VoIP/Scan To E-mail (NIC Fax Unit) (cont.)

Internet Protocols	E-mail Trans.: SMTP, TCP/IP E-mail Rec.: POP3, SMTP, IMAP4, TCP/IP IP Fax: T.38 Annex B, TCP, UDP/IP Scanner: FTP, TCP/IP
E-mail Format	Single/Multi-Part, MIME Conversion
Attached File Format	TIFF-F (MH Compression), DCX, JPEG, PDF
Security	POP before SMTP, SMTP Authentication, APOP, Server Domain Authentication (Windows 2000/Server 2003/NT4.0)
Dynamic Host Configuration Protocol (DHCP)	Standard
Web Status Monitor	Standard

NIC Fax Features

- **Internet Fax & Scan to E-mail**
 - Backup Transmission/Reception
 - Color/B&W Scan Modes
 - E-mail Subject/Message/Suffix Templates
 - Error Mail Notification
 - Journal by E-mail
 - Reception Confirmation
 - ScanRouter Lite Included
- **IP Fax (Real Time, T.38)**
 - Reception Confirmation
- **VoIP Compatibility**
- **LAN Fax (Software Included)**
 - Address Book, Broadcast, Convenience Printing

General System Features

Automatic Collation
Clock (with Auto Summer Time Adjustment)
Counters (Tx/Rx/Scn/Prt)
Dual Access (Multitasking)
Scan Duplex Documents
Energy Saver Mode
Help List
Keystroke Programs
Label Registration for Quick/Speed Dials
Personal Codes
Photo (Halftone) Mode
PIN Code Protection
Power Failure Report
QWERTY Keypad
Remaining Memory Indicator
Restricted Access
User Function Keys

Fax Communication Features

Chain Dialing
Communication Failure Report
Error Report
Fax Headers (2)
Journal (Auto/Manual Print)
Lists (Quick/Speed/Prog/Grp/User Fnct)
Memory File Transfer
Monitor Speaker
No Document, No Dial
On Hook Dialing
Polling Trans/Reception
Quick Dial Label Print
Redial (Auto/Manual)
Shortened Protocol
Telephone Directory

Fax Transmission Features

Auto Document
Auto Page Retransmission
Auto Reduction (Transmit)
Backup File Transmission
Batch Transmission
Blank Document Detection
Forwarding
Immediate/Memory Transmission
ITU-T Sub-Address
Label Insertion
Memory Storage Report
Page Count
Page Retransmission
Quick (Parallel) Memory Transmission
Send Later
Serial Broadcast (Immediate/Later)
Simultaneous Broadcast (via Opt. 2nd G3 Modem)
Transfer Request
Transfer Transmission
Transmission Confirmation Report
Transmission Failure Report
Transmission Reserve
Verification Stamp

Fax Reception Features

Authorized Reception
Confidential Reception (with/without ID)
Continuous Polling
Checked Mark (Document Separation)
Duplex Fax Reception
Memory Lock
Memory Polling
Multi-Copy Reception
Multi-Polling Reception
Reception Time Print
Specified Cassette Select (with Optional Paper Cassette)
Substitute Reception
Two-in-One Reception

Printer Features

Print Speed (Letter)	15-ppm
Printer Resolution (Max.)	600 x 600 dpi
Interface	Ethernet 100-TX/10-T, IEEE1284 Parallel
Printer Memory (Std./Max.)	16MB/144MB
Operating System	Windows 95/98/Me/NT 4.0/ 2000/XP
Printer Control Language	PCL5e/6; PostScript 2 (Optional)
Other Features	Duplex, Collate, Slip Sheet, Page Protect, Auto Continue, Auto Tray Select, Tray Lock, Font Storage, Watermark, Toner Saver, Edge Smoothing, User Code, Bypass Tray Print

Options

100-Sheet Bypass Feeder Type 300
32 MB/64 MB/128 MB Printer Memory Type B
40MB Memory Card (Feature Expander) Type 410
500-Sheet Paper Feed Unit Type PS480
Cabinet Stand
G3 Interface Unit (2nd 33.6 Kbps Line) Type 410
Network Interface Board Type 1018 (see Printer Features)
NIC Fax Unit Type 410 (F540 only)
PostScript 2 Interface Unit Type 1018
Print Controller
Telephone Handset Type 1018

Supplies

ADF Maintenance Kit Type 300
Marker Refill Type 30
Toner Cartridge Type 1160
Photoconductor Unit Type 1013

1 Approximately 2-seconds per page at 33.6 Kbps with JBIG is dependent upon optimal line quality, and customer performance may vary by location.
2 Based on ITU-T Test Chart #1 in Standard resolution.
3 ARGONASM Advanced Ricoh's Graphic Operation by New ASIC based on diffusion method.

Gestetner

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