

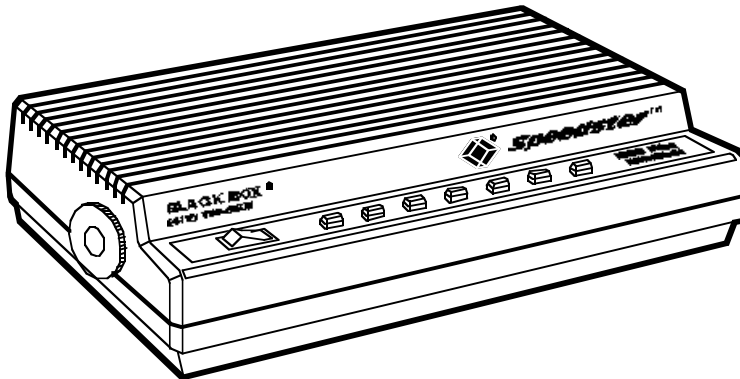


# BLACK BOX<sup>®</sup>

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Black Box Corporation.

The Source for Connectivity<sup>®</sup>

## Speedster™ 288 Fax Modem



17% faster than  
standard 28.8-Kbps  
modems.

### Key Features

- ▶ Universally compatible with all ITU-T V.34, V.32 bis, V.32, V.22 bis, Bell 212A/V.22, V.23, V.25 and Bell 103/V.21 modems.
- ▶ Ensures data integrity and fast transmission with hardware-based V.42/MNP<sup>®</sup> 2-4 error control and V.42 bis/MNP 5 data compression for throughput up to 115.2 Kbps.
- ▶ Stores preferred modem default settings and four most-used phone numbers in the memory.
- ▶ Works with almost all popular communication software.
- ▶ Stores up to four phone numbers for quick, efficient access.

Very few things can be called perfect, but when it comes to modems the Speedster™ 288 Fax Modem is perfection. It's *the* modem for people who like the convenience of a high-speed modem, but don't have the time to learn complicated procedures.

The secret to the Speedster™ is enhanced signal modulation techniques that support dialup speeds up to 33.6 Kbps over ordinary phone lines. That's 17% faster than the standard 28.8 Kbps.

The Speedster™ has a host of features that makes it easy to use. A Fully Adjustable Volume Control helps to eliminate annoying dial tones. The front-panel ON/OFF switch saves you from having to crawl on the floor to pull the plug. A Quick Configuration Guide is printed on the bottom of the

unit so you don't have to consult the manual. And eight LEDs are there to let you know everything is running smoothly.

Installation is easy. Just plug it into your computer and you're phone line and before you know it you'll be surfing the World Wide Web, checking email, and reading your bulletin boards.

You can send and receive faxes directly from your computer even while running other applications.

The Speedster™ supports true ITU V.34 and V.FC at 28.8 Kbps, ITU-T V.32 bis at 14.4 Kbps, and it's backward compatible with slower speeds down to 300 bps.

It also has hardware-based V.42/MNP 2-4 error control and V.42 bis MNP 5 data compression for error-free throughput up to 115.2 Kbps with almost any

communication software.

The Speedster™ supports V.17 Group III faxes at 14.4 Kbps, and it includes integrated QuickLink II FAX™ communication/fax software for DOS and Windows<sup>®</sup>. QuickLink II enables you to send and receive faxes from your computer—even while running other applications. You can send group and delayed faxes, in addition to creating your own cover sheets.

### Additional Features

- Supports the industry-standard AT command set.
- Switch settings allow quick configuration and "dumb" mode for non-PC applications.
- Seven LEDs for call status and troubleshooting.

### Ready to go right out of the box.

When you order the Speedster™ 288 you don't have buy anything else. You get:

- 10-ft. Serial Cable
- DB9 to DB25 Cable Adapter
- RJ-11 Cable
- PC-based QuickLink II
- User's Guide
- Power Supply

# LEDs

Symbol	Meaning	Status On	Off	Flashing
AA	Auto/Answer Answer	<ul style="list-style-type: none"> <li>• Register SO or higher</li> <li>• Answering a call</li> </ul>	<ul style="list-style-type: none"> <li>• Originating a call</li> </ul>	<ul style="list-style-type: none"> <li>• Incoming call</li> </ul>
CD	Carrier Detect	<ul style="list-style-type: none"> <li>• Receiving a valid data signal from a remote modem</li> <li>• Always on if CD is ON</li> </ul>		
RD	Received Data			<ul style="list-style-type: none"> <li>• Sending result codes</li> <li>• Passing received data bits</li> </ul>
SD	Send Data			<ul style="list-style-type: none"> <li>• Computer sends data bits</li> </ul>
TR	Data Terminal Ready	<ul style="list-style-type: none"> <li>• Receiving DTR signal from computer</li> <li>• Always on if DTR override is on</li> </ul>		
CS	Clear to Send	<ul style="list-style-type: none"> <li>• On until modem lowers CTS Transmit Data hardware flow control is enabled</li> </ul>		
ARQ/FAX	Error Control/ Fax Operations	<ul style="list-style-type: none"> <li>• Set to &amp;M4 or &amp;M5 and successfully establishes an error-control connection</li> </ul>		<ul style="list-style-type: none"> <li>• Retransmitting data to a remote modem</li> <li>• Indicates Fax Mode</li> </ul>

# DIP Switches

Switch	Factory Setting	Function	ON	OFF
1	OFF	Data Terminal (DTR) Override	Ignores DTR	Computer must provide DTR signal for modem to accept commands; dropping DTR terminates a call
2	OFF	Verbal/Numerical Result Codes	Numerical Results	Verbal Results
3	ON	Result Code Display	Enables Result Codes	Suppresses Result Codes
4	OFF	Command-Mode Local Suppression	Suppresses Echo	Displays Keyboard Commands
5	ON	Auto-Answer Suppression	Disables Auto-Answer	Answers On First Ring Or Higher
6	OFF	Carrier Detect (CD) Override	CD Always On (Override)	Connecting With Another Modem Drops CD On Disconnect
7	OFF	Power-On and ATZ Reset Software Defaults	Loads &FO—Generic Template From ROM	Loads Y Or Y1 Configuration From User-Defined NVRAM
8	ON	AT Command Set Recognition	Enables Recognition (Smart Mode)	Disables Command Recognition (Dumb Mode)

## Specifications

**Error Correction/Data Compression** — MNP 2-4; MNP 5; V.42; V.42 bis

**Fax Standards** — V.17 Group III

**Flow Control** — X-ON/ X-OFF; CTS

**Maximum Speed** — Line: 33.6 Kbps; DTE 115.2; Fax: 14.4 Kbps

**Maximum Throughput** — 57.6 Kbps

**Modem Standards** — ITU:

V.34, V.FC, V.32 bis, V.32, V.29, V.27, V.23, V.22 bis, V.22, V.21; Bell: 212A, 103

**Operation** — Asynchronous

**Interface** — RS-232

**Connectors** — (1) DB25 female, (2) RJ-11 female

**Indicators** — 7 LEDs (above)

**Power** — 115 VAC, 50 Hz

**Size** — 1.5"H x 6.5"W x 3.8"D (3.8 x 16.5 x 9.7 cm)

**Weight** — 0.6 lb. (0.3 kg)

## For these and other components...

Call our expert Technical Support Staff for all your Modem and Accessory needs. They'll help you find the best equipment for your application.

# Ordering Information

This information will help you place your order quickly.

PRODUCT NAME	ORDER CODE
Speedster™ 288 Fax Modem.....	MD360A