



ZOOM/MODEM V.92 COMBO (External)

For Windows® and Macintosh® computers with a serial port **Model 3048**

About the Zoom/Modem V.92 COMBO

The Zoom/Modem V.92 COMBO Model 3048 is a high-performance 56K fax modem that plugs into the serial port of a computer using a Windows or Macintosh operating system. It also works with DOS, Linux and Unix computers. The Model 3048's performance is enhanced by an on-board Controller, DSP (Digital Signal Processor) and ITU V.92 / V.44 standard compatibility.

The Zoom/Modem V.92 COMBO outperforms V.90 modems. ITU V.92 is a new standard for dialup modems. It, and its companion compression standard V.44, makes communications faster, easier and more enjoyable. The "automatic negotiation" or "handshake" at the beginning of a call can be over twice as fast with Zoom/Modem V.92 models than with V.90 modems.

The new V.44 compression technology results in significantly faster Web browsing and download speeds. Upload speeds (before compression) with Zoom/Modem V.92 models can be up to 40% faster, too. As an added convenience, the Zoom/Modem V.92 COMBO allows an incoming phone call to be received without losing an Internet connection. These dramatic improvements in performance are available to Zoom/Modem V.92 users whose ISP (Internet Service Provider) has upgraded to the new standard. The Zoom/Modem V.92 COMBO Model 3048 is capable of receiving data from an Internet Service Provider (ISP) or online service over standard phone lines at speeds up to 56 Kbps uncompressed. Outgoing data is transmitted at speeds up to 48 Kbps.

The Zoom/Modem Model 3048 includes V.80 capability for compatibility with H.324 standard point-to-point video telephony over regular phone lines. It also supports Group 3, Class 1 fax.

The Model 3048 also features ZoomGuard™. ZoomGuard provides superior protection against lightning, the number one cause of modem failure. ZoomGuard is not only better than the "varistor" protection found on other modems, but also outperforms most stand-alone surge protectors.

Bundled software includes hardware drivers and utilities plus fax/voice/data communications for BOTH Windows And Macintosh, plus video-conferencing, Internet access, graphics editing and other useful programs.

The Zoom/Modem V.92 COMBO Model 3048 is made and supported by Zoom Telephonics, Inc., and is backed by Zoom's outstanding seven year warranty.

Features

- Conforms to new, higher performance V.92 and V.44 standards
- Compatible with Windows, Macintosh, Linux and other operating systems
- On-board Controller and DSP (Digital Signal Processor)
- High quality voicemail
- Supports V.80 video standard
- Features ZoomGuard™ lightning protection
- Backed by Zoom's extensive manufacturing and support experience

ZOOM/MODEM V.92 COMBO (External)

56K V.92 Faxmodem for Windows & Macintosh computers with a serial port **Model 3048**

- **Outperforms V.90 modems**
- **Conforms to new ITU V.92 and V.44 standards**
- **Faster Web browsing**
- **Faster upload speeds**
- **Faster connect speeds**
- **Take phone calls while online**
- **On-board Controller and DSP for high performance**
- **Windows and Macintosh compatible**
- **ZoomGuard™ "Proven Superior" lightning protection**
- **Videophone-ready**
- **Traditional Zoom quality and value**



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Data Speeds

- 56,000 bps receive/48,000 bps send with auto-negotiation of V.92 and V.90.
- 300 to 33,600 bps full-duplex supporting all international and Bell standards.

Fax Speeds

- 300 to 14,400 bps, Group 3, Class 1

Standards Supported

- Data – V.92, V.90, V.34, V.32bis, V.32, V.22bis, V.22 A/B, V.22, V.23, V.21, Bell 103/212A
- Compression – V.44, V.42bis, MNP5
- Error Control – V.42, MNP2-4
- Hayes™ AT and extended AT command set compatible
- V.80 for H.324 (videophone) compatibility

Dialing

- Supports programmable duration DTMF (touchtone)
- Call progress tone detection (dial tones, busy, ring, etc.)

Video Support

- V.80 (required for point-to-point H.324 video over standard phone lines)

Additional Features

- On-board Controller and DSP
- Voice Mail with multiple private mailboxes, password protection, remote retrieval and easy message review (requires soundcard)
- Plug and Play for automatic configuration with Windows 95, 98, Me, 2000 & NT4.0
- 14 LED status lights

Regulatory Approvals

- FCC Parts 15B and 68
- UL, C-UL
- Industry Canada
- CE Approved

Physical Specifications

- 5.25" x 6.5" x 1.5" (13.3cm x 16.5cm x 3.8cm)

Product Package Contains:

Zoom/Modem V.92 COMBO Model 3048 external modem, Power Supply, RJ-11 Phone Cord, User Guide, Software on two CD-ROMs. *Windows CD includes, JASC's PaintShopPro SE™, 01 Communique's Communicate! Lite and Ad Subtract ad blocker/ cookie filter software. Macintosh software includes STF Technologies' FaxSTF™ 5.0 fax, STF Ring/Manager™ voicemail/answering machine, and MicroPhone LT™ data communications programs.*

System Requirements

- Available serial port (also called RS-232 port, modem port, or COM port)
- Voice Mail requires a soundcard or built-in audio capability for message playback (microphone required to record a personalized greeting message)

Warranty: Seven years



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