Welcome to Modem Doctor For Win95/98
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Modem Doctor for Win95/98 is a powerful diagnostic tool that can help you troubleshoot and maintain serial ports and modems in the Win95/98 environment. Some of the features of Modem Doctor for Win95/98 include;

- Detection and verification of all Comm port settings.
- Detailed summary of Win95/98 Comm Registry settings.
- Automatic detection of device or setting conflicts.
- Automatic detection of active serial/modem devices.
- Ability to test modems/drivers or drivers and cables.
- Testing of all serial port hardware.
- Detailed analysis of Uart register masks including error   detection.
- Detailed summary of Fax Modem Capabilities.
- DTR/DSR and RTS/CTS echo tests for verifying handshaking signals in cables.
- Dynamic RTS/CTS and XON/XOFF tests to verify proper modem/serial port handshaking.
- Loopback tests designed to stress Uart serialization, check cable integrity.
- Carrier tests designed to stress the entire communications system from port to modem.
- Throughput analysis .
- Report Generation that saves all installed hardware settings and test results to a text file.
- Built-in buffered-8K ASCII terminal with scroll-back capability.
- Interoperability with Modem Doctor for DOS 7.0 for pinpointing hardware setup errors.
- Easy to use menu/heads-up display.
- Extensive use of text Win95 to show active communication between modem and computer.
- Detailed Help File.

Minimum System Requirements
    486 CPU.
    Color Monitor operating in VGA Mode.
    16 meg system memory.
    Win95.
    At least one serial port in addition
        to the mouse port (if using a serial mouse)
    For Modem Testing, at least one modem.

Modem Doctor will support SuperVGA modes for operation and runs best from a hard disk. Note, use of **large fonts** in
SuperVGa mode may crop some window sizes and will require you to resize windows.

INSTALLING MODEM DOCTOR

Use the Setup program that unpacks with the Zipped version of Modem Doctor. The Win95/98 version also includes an uninstaller as well.

USING MODEM DOCTOR
Modem Doctor's help file is an extensive tutorial system that explains all facets of use and testing. You can access the help file from the Help menu in Modem Doctor. You will also receive specific help in each section by pressing one of the many help buttons associated with each section.

PRODUCT SUPPORT
Modem Doctor, Modem Doctor for Win95/98, and Comset are all supported on the Modem Doctor BBS. You can reach us 24 hrs a day at **410-256-3631**. This is the best way to receive quick support. We also have a voice-mail service you can reach for ordering information and technical support at **410-256-5767**. You can also email us on the Internet at; **modem.doctor@modemdoctor.com**. We also have a website that you can reach at **http://www.modemdoctor.com** Help is not limited to registered users, however that "policy" does have its drawbacks. The best way to reach us is the BBS or the Internet.

REGISTRATION
There are two versions of Modem Doctor for Win95/98; Registered and Shareware. Both versions are fully functional and contain over 60 different tests. The shareware version is limited only by the following conditions;

·The Shareware version does not include any Dynamic
 Handshaking tests.
·The Shareware version is limited to 19200 bps.
·The Shareware version does not include Loopback tests.

Although these limitations exist, Modem Doctor for Win95/98 Shareware still performs all critical tests, including the carrier tests, terminal, report functions, and register tests as well. The Shareware is not cripple-ware, nor is it time limited. It also is not freeware, but is intended to give you a good "try before you buy" look at Modem Doctor for Win95/98. As with all Shareware, it is expected that if you continue to use Modem Doctor for Win95/98, you will take the time to register it.

To register, simply print out the ORDERFRM95.WRI file that comes with Modem Doctor for Win95 using the Window's Write program you are using now. You can also print out the order form from the program as well.

KNOWN INCOMPATIBILITIES
Modem Doctor has been extensively tested (over 4000 beta testers involved) with all popular modems running under Win95/98. As of this writing, only one brand of modem has a problem entering the self test mode. A "work-around" has been created and installed in this maintenance upgrade of the program.

The maintenance release has also been tested and now supports PCI and PCMCIA modems. It also supports V.90 modems, however the testing is limited by the design of the modem to 33.6kbps. This is not a limit of Modem Doctor. The Registered version can test DTE rates to 115200bps.

Finally, two annoying problems that have been around with most modems for nearly 10 years. First, Carrier warnings are generated in error by Modem Doctor because the factory setting for some modems disables carrier detection. You can fix this by doing the following;
   1)   Type ATZ
   2)   Type AT&C1&W(x)   where x = a desired configuration.

The second annoying problem is with the Ring Indicator. Some modems fail to drop this status signal to a Uart until either a carrier is connected or until you turn the modem off.

(end of mdrw.wri)