

Model MT5600ZDX
Model MT5600ZDXV

Data/Fax Modem
Voice/Data/Fax Modem

Quick Start Guide



Quick Start Guide

Models MT5600ZDX & MT5600ZDXV

PN 82098752 Revision C

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Revision	Date	Description
A	8/30/99	Joint Quick Start Guide for ZDX & ZDXV
B	2/15/01	Update installation section
C	06/07/02	Update for Plug-&Play and PhoneTools.

Trademarks

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Patents

This device is covered by one or more of the following patents: 6,031,867; 6,012,113; 6,009,082; 5,905,794; 5,864,560; 5,815,567; 5,815,503; 5,812,534; 5,809,068; 5,790,532; 5,764,628; 5,764,627; 5,754,589; D394,250; 5,724,356; 5,673,268; 5,673,257; 5,644,594; 5,628,030; 5,619,508; 5,617,423; 5,600,649; 5,592,586; 5,577,041; 5,574,725; D374,222; 5,559,793; 5,546,448; 5,546,395; 5,535,204; 5,500,859; 5,471,470; 5,463,616; 5,453,986; 5,452,289; 5,450,425; D361,764; D355,658; D355,653; D353,598; D353,144; 5,355,365; 5,309,562; 5,301,274. Other patents pending.

Recording Your Modem Information

Complete the following information about your Multi-Tech modem before calling Technical Support.

Modem Model No.: _____

Modem Serial No.: _____

The model and serial numbers are printed on the bottom of the modem.

Register your modem online at <http://www.multitech.com/register/>

Note the status of the modem before contacting Technical Support. The status can include information about LED indicators, screen messages, diagnostic test results, problems with an application, etc.

Getting Started

This guide shows you step-by-step how to set up your Multi-Tech MT5600ZDX or MT5600ZDXV modem. For detailed information on how to install, test, and use your modem, see the complete User Guide on CD-ROM provided with your modem.

What You Will Need

Before starting, make sure you have everything you will need.

We supply

- An MT5600ZDX data/fax modem or an MT5600ZDXV voice/data/fax modem
- A DC power transformer
- One RJ11 phone cable
- A printed *Quick Start Guide* (this manual)
- An system CD containing modem drivers, communications software (PhoneTools), and a complete User Guide
- Four vinyl gripper feet for the bottom of the modem

You supply

- A computer with an available serial port. The processor speed should be at least 75 MHz in order to take full advantage of the ZDXV's telephony features.
- A shielded RS-232 serial cable with a male DB-25 connector on one end and a connector to match your computer's serial port on the other end.
- A nearby AC power outlet
- A nearby phone jack
- (Optional) If you want speakerphone functions along with the ability to record sound or .WAV files through the sound card at the same time, you will need:
 - One stereo PC microphone
 - One stereo male-to-male patch cord
 - One sound card
 - Speakers

Safety Warnings

- Use this product only with UL- and CUL-listed computers.
- Never install phone wiring during a lightning storm.
- Never install a phone jack in a wet location unless the jack is specifically designed for wet locations.
- Never touch uninsulated phone wires or terminals unless the phone line has been disconnected at the network interface.
- Use caution when installing or modifying phone lines.
- Avoid using a phone (other than a cordless type) during an electrical storm; there is a risk of electrical shock from lightning.
- Do not use a phone in the vicinity of a gas leak.
- To reduce the risk of fire, use only 26 AWG or larger telephone line cord.

Installation Process

Connections for the MT5600ZDX

Turn off your computer. Place the modem in a convenient location, and then connect it to your computer's serial port, to the phone line, to AC power, and to your phone.

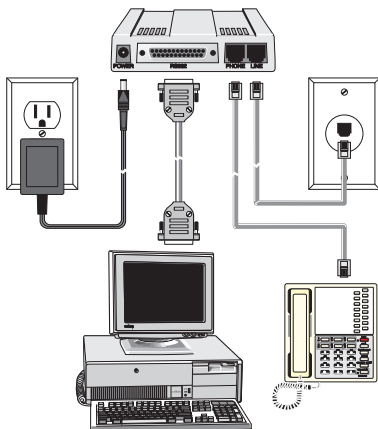


Figure 1. MT5600ZDX Connections
See Page 4 for MT5600ZDXV Connections

1. Connect the Modem to Your PC

Plug one end of the RS-232 serial cable into the RS-232 connector on the modem, and plug the other end into a serial port connector on your computer, such as COM1 or COM2. You supply the RS-232 cable.

2. Connect the Modem to the Phone Jack

Plug one end of the phone cable into the modem's LINE jack and the other end into a phone wall jack. The phone cable is included with your modem.

Note: The LINE jack is not interchangeable with the PHONE jack. Do not plug the phone into the LINE jack or the line cable into the PHONE jack.

3. (Optional) Connect the Modem to the Phone

For voice-only calls, plug a phone into the modem's PHONE jack.

4. Connect the Modem to the AC Power Outlet

Plug the DC power transformer into an AC power outlet or power strip. Plug the other end into the POWER jack on the modem. The DC power transformer is included with your modem.

Note: Use only the DC power transformer supplied with the modem. Use of any other transformer voids the warranty and can damage the modem.

5. Power on Test

Test the modem by turning it on (an on-off switch is located on the side panel). When you apply power, the modem performs a diagnostic self-test. The 56 indicator lights, and if a terminal program is running, the TR indicator also lights. If this does not happen, check that the power switch is on, the power supply is solidly connected, and the AC outlet is live. If these measures do not work, see the chapter on *Troubleshooting* in the complete User Guide.

Connections for the MT5600ZDXV

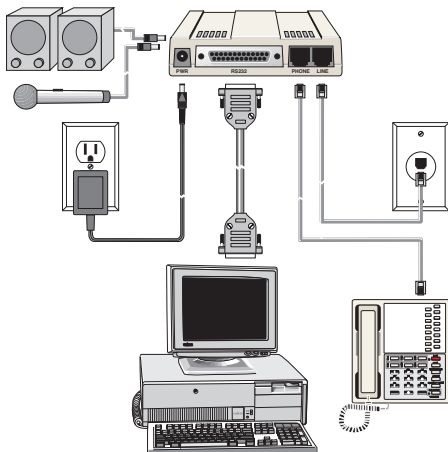


Figure 2. MT5600ZDXV Connections

1. Follow all of the Connection Directions for the MT5600ZDX

Then add these steps:

2. Connect the Microphone

For voice mail or speakerphone applications, plug an unamplified microphone into the MIC jack on the side of the modem. The microphone should have a stereo 1/8-inch mini plug. Do not use a monophonic microphone.

3. Connect the Speaker

For speakerphone or voice mail applications, use a 1/8-inch-plug male-to-male stereo patch cord to connect the SPKR jack on the side of the modem to the LINE IN jack on your sound card. If your sound card does not have a LINE IN jack, use its MIC jack. The stereo male-to-male patch cord can be purchased at a local PC retail store.

If you do not have a sound card, you can plug an amplified speaker directly into the SPKR jack.

Installing the Modem Driver

If you use Windows 95/98/Me/NT/2000/Xp, you must install the modem driver as described here. If you use another operating system, see the User Guide. When operating the modem under Windows 95/98/Me/2000/Xp, the modem driver can be installed by using the Plug-and-Play feature. Follow the 4-step procedure below. For Windows NT, which does not support Plug-and-Play, follow the 8-step procedure on the next page.

Modem Driver Installation for Windows 95/98/Me/2000/Xp

1. Make sure your modem is connected properly, and then turn on your computer. Windows should detect your new modem and open the **Install New Modem** wizard.

Note: If Windows cannot find a modem, your modem may be turned off, it may be plugged into the wrong connector on your computer, or the serial cable may be faulty. See “None of the LEDs Light When the Modem Is Turned On” and “The Modem Does Not Respond to Commands” in the “Troubleshooting” chapter of the User Guide.

2. Insert the system CD-ROM, and then click **OK**.
3. Windows installs and configures the modem.
4. Click **Finish** to exit.

Modem Driver Installation for Windows NT

1. Make sure your modem is connected properly, and then turn on your computer. Windows should detect your new modem and open the **Install New Modem** wizard.

Note: If Windows cannot find a modem, your modem may be turned off, it may be plugged into the wrong connector on your computer, or the serial cable may be faulty. See "None of the LEDs Light When the Modem Is Turned On" and "The Modem Does Not Respond to Commands" in the "Troubleshooting" chapter of the User Guide.

2. In the **Install New Modem** wizard, select **Don't detect my modem; I will select it from a list**, and then click **Next**. A dialog box with a list of manufacturers and a list of modem models appears.
3. Insert the system CD-ROM and then click **Have Disk**.
4. In the **Install from Disk** dialog box, select the drive that the CD is in, and then click **OK**.
5. A list of modems appears. Select your modem and click **Next**.
6. Select the port that the modem is connected to, and then click **Next**.
7. Windows installs and configures the modem.
8. Click **Finish** to exit.

Loading Data Communications Software

MultiTech includes a data communications software package on the product CD shipped with your modem. In general, however, the modem will work with most data communications software packages. Data communications software gives the user access to lower-level commands that govern (at a detailed technical level) how the modem operates, that is, how the modem handles incoming and outgoing data streams, etc.

Load the software as you would any Windows application program. During installation under Windows NT/2000/Xp, an advisory screen may appear saying "FAX capture driver installation" and causing a delay in the installation. Be aware that this is normal and the installation process has not failed or stalled. Simply wait a few moments until this screen disappears.

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