



How to... Use +MS Commands and TelePort USB Modem

Introduction:

This document provides information about how to use +MS commands and your TelePort USB modem.

Because Rockwell changed the way a modem's chipset utilizes +MS AT commands with their newer 3.xxx firmware, read on about how to use +MS commands with your TelePort USB modem.

+MS Commands Overview

Below is a list of available +MS commands, protocols (also known as "carriers"), speeds, etc. that your TelePort USB modem is able to use. This list can be generated in a program such as ZTerm (included with your TelePort USB product), by typing **+MS=?** and hitting return. The **default** +MS settings that the modem uses can be generated by typing **+MS?** and hitting return.

Commands, Protocols, etc. Modem Can Use

+MS: (B103,B212,V21,V22,V22B,V23C,V32,V32B,V34,K56,V90),(0,1),(300-33600),(300-33600),(300-56000),(300-56000)

NOTE: Rockwell's new method of using +MS commands uses a colon and one space following the +MS command letters. Older usage of +MS commands used an equal sign following the +MS letters.

What the Commands in the Overview Mean

+MS: (carrier list),(automode range),(min tx rate range),(max tx rate range), (min rx rate range),(max rx rate range)

NOTE: tx = transmit (upload), rx = receive (download). The rx and tx ranges are specified in bps.

Examples of Using +MS Commands With Your USB Modem

1. +MS: K56,1,300,33600,300,44000

This would tell the USB modem to prefer the K56Flex protocol and connect no faster than 44Kbps.

2. +MS: B212,1,300,1200,300,1200

This would tell the USB modem to connect using the Bell 212 protocol and to connect, transmit and receive data no faster than 1200bps.