Micronics Technology Modem Program

15 January 2024

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MTModem was released in 1989 with a promise of Ymodem capability in the next release. It took a while, but it’s now here.

MTModem supports CP/M and HDOS on the H-89 and most likely the H-8 (I need a beta tester).

MTModem is menu driven. The current baud rate and port are shown on the status line using the 25th line of the H-19 terminal.

# Menus

**Main**

* R – Receives a file in Xmodem or Ymodem mode
* S – Sends a file in Xmodem or Ymodem mode
* Y – opens Ymodem menu described below to set transfer parameters
* T – opens a Terminal
  + ^E to exit
  + Blue Function key toggles text capture mode \*\*\* This still needs some debugging
  + ^T toggles the DTR signal even though MTMDM tells you it is setting CTS.
* E – Terminal mode with local echo
* O – Opens Option menu described below to set baud rate and default port
* D – Opens Debug the menu to adjust system speed for debugging
* X – returns to operating system

**Ymodem**

Options? 1) Transfer Block 128 bytes

2) Transfer Block 1024 bytes

3) Xmodem

4) Ymodem

0) Exit

* 1 – sets default block size to 128 bytes
* 2 – sets default block size to 1024 bytes
* 3 – Sets default to Xmodem
* 4 – sets default to Ymodem where you can specify files to send using wildcards

**Options** (uses line 25)

Baud? 1) 19200 2) 9600 3) 4800 4) 1200 Port? 5) D0 6) D8 7) E0

* 1-3 – sets baud rate
* 5-7 – sets port to use for serial communication I only tested D8 so far. This code is self -modifying, so some exciting things may happen.

**Debug**

2 - Slow Speed Operation

4 - Fast Speed Operation

S - Only slow for Serial Reads

0 - Exit Menu

* 2 – drops the system clock to slow
* 4 – sets the bit controlling the clock switch high. Speed will depend on your system
* S – slows the system only when reading data

The default is to run at your systems high speed.