

Motorola Codex 3500 DSU/CSU Setup:

Note: If connecting the two CSU/DSUs with a cable rather than using a digital circuit. Use a head-to-head cable that supports at least pins 1, 2, 7, & 8 if using a digital (i.e. leased line) circuit, use straight-through cables between the CSU/DSUs and the DB45 connector supplied by the Phone Company.

Note: After configuring the CSU/DSUs, it may take a minute or so for the multiplexes to sync up even if the CSU/DSUs report normal status.

The 4 buttons on the front panel (accessed by flipping down the front cover) are denoted as follows in this documentation (as seen left-to-right): + 0 1

Enter (select new option)
Display new option
Across (scroll through menu)
Down (display categories)
? until (Enter menu mode)
*TEST (2x)
*MODIFY
MODIFY DSU
Opmode=DDS1
Data Rate=? + until
Rate->Data Rate:56.0

(Note: select proper baud rate to match leased digital line) Data Rate=56.0

Timing->Timing=Network (If using a clocked digital (i.e. leased) line between the CSU/DSUs, or this is the first of the two CSU/DSUs. When using a direct un-clocked cable between the CSU/DSUs, leave it on "Network." If using a direct cable between the CSU/DSUs, and this is the second of the two CSU/DSUs, use to change to "Internal;" then use 'loll to select it.)

Note: If you hook the CSU/DSUs up to a clocked digital line later, this needs to be changed to "Network."

Timing=?

(Exit from MODIFY DSU choices)

MODIFY DSU
MODIFY PORT
Sys Status=? until
RTS-> P1 RTS=Normal +
P1 RTS:Alw On 0
P1 RTS=Alw On -
DCD-> P1 DCD=Normal +
P1 DCD:Alw On 0
P1 DCD=Alw On -
P1 DTR=Normal -
DSR-> P1 DSR=Normal +
P1 DSR:Alw On 0
P1 DSR=Alw On -
CTS-> P1 CTS=Normal +
P1 CTS:RTS
P1 CTS=RTS until
*MODIFY
*AUXILLARY until

FRONT PANEL

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Bcklt-> Backlight=?      +
Backlight:On             0
Backlight=On            until
*AUXILLARY               until
*STATUS
3500                     DDS1 (baud rate)
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It appears that transmit signal attenuation occurs automatically when the CSU/DSUs are syncing up. In other words, there is probably no need to lower the transmit level when connecting two CSU/DSUs with a cable, as compared with the Eazy Modem 325's "TX level."

Grn 01/24/02