

Enfora Modem Setup Procedure

This procedure is for setting up the modem listed above to work in the RTC SMS system.

Connect the modem to a PC with a 9 pin male to female cable. The cable is provided with the modem as it comes from the factory.

Open a hyperterminal window in you PC and set it up for 115200 baud 8 data bits and no parity.

You have everything setup correctly when you type "AT" in the hyperterminal window and the modem responds with "OK".

1. Set the modem up to ignore the DTR RTS lines. To do this you type "AT+IFC=0,0". The modem responds with "OK".
2. Check the previous step by typing "AT+IFC?" the modem should respond with "IFC: 0,0"
3. Setup the modem to 8 N 1. To do this you type "AT+ICF=3.
4. Check the previous step by typing "AT+ICF?". It should respond with "+ICF: 3".
5. Set the modem to always send serial characters out at 2400 baud. To do this you type "AT+IPR=2400".
6. You will now have to reset your hyperterminal to 2400 baud.
7. Setup the SMS command by typing "AT+CNMI=2,2,0,0,0"
8. Validate this command by typing "AT+CNMI?". It should respond with "+CNMI: 2,2,0,0,0".
9. Set the modem to always think the DTR line from the radio is high. To do this you type "AT&D0". We will check this later in the process as you cannot simply read it back.
10. Setup character mode by typing "AT+CSMP=17,167,0,0".
11. Validate this by typing "AT+CSMP?". It should respond with +CSMP: 17,167,0,0.
12. Setup the type of network by typing ' AT+CSCS="GSM" '
13. Validate this by typing "AT+CSCS?". It should respond with "+CSCS: "GSM"".
14. Write the Setup to the memory in the modem. To do this you type "AT&W". The modem responds with "OK".
15. Also type in "AT+CSAS" to save parameters in to memory.
16. Cycle power to the modem and connect to it again by typing "AT" When it responds with "OK" it is back working.