

Technical Bulletin 99-06



Bulletin #: CS-99-006

Product Type: Link 3000

Software Version: All

Hardware Revision: All

Access Level: Reseller

Originator: Matt Jerger

Status: Approved

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Date: May 21, 1999

Title: Connecting a Modem to a Link 3000 System.

Description: This document describes the steps needed to connect a US Robotics Sportster 33.6 modem to the SpectraLink Link 3000 system. If you choose to use different modems, this document may not include all the steps necessary to properly configure the modems.

Change the Dip Switches:

The dip switches on the back of the modem must be set properly. Set the dip switches to the following:

	1	2	3	4	5	6	7	8
UP	X	X		X	X	X	X	
DOWN			X					X

Switches 3 and 8 must be down, and the rest must be up.

Change the Internal Settings:

The following steps are used to program the internal settings. This can be done using a standard communications package such as ProComm Plus or Hyperterminal.

Once connected to the modem type in the following:

AT&F1	<Enter>	Loads factory default settings
AT&H0	<Enter>	Sets Transmit Data Flow control to disabled
AT&R1	<Enter>	Sets modem to ignore Request to Send (RTS)
AT&N6	<Enter>	Sets Baud rate to 9600
AT&W0	<Enter>	Saves the configuration

Power off the modem and back on.

Type: ATi4 <Enter> To display the settings.

They should match the figure below (the following screen picture was taken using ProComm Plus.)

```
Procomm Plus
OK
at&w0
OK
ati4
U.S. Robotics Sportster 33600 Fax Settings...

B0 E1 F1 M1 Q0 U1 X4 Y0
BAUD=19200 PARITY=N WORDLEN=8
DIAL=TONE ON HOOK

&A3 &B1 &C1 &D2 &G0 &H0 &I0 &K1
&M4 &N0 &P0 &R1 &S0 &T5 &U0 &Y1

S00=000 S01=000 S02=043 S03=013 S04=010 S05=008 S06=002
S07=060 S08=002 S09=006 S10=014 S11=070 S12=050 S13=000
S15=000 S16=000 S18=000 S19=000 S21=010 S22=017 S23=019
S25=005 S27=000 S28=008 S29=020 S30=000 S31=128 S32=002
S33=000 S34=000 S35=000 S36=014 S38=000 S39=000 S41=000
S42=000

LAST DIALED #:

OK
Alt-Z FOR HELP | ANSI | FDX | 19200 N81 | LOG CLOSED | PRINT OFF | OFF-LINE
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Connect the modem to the Link 3000:

Connect the modem to the Link 3000 system by using a 25 pin male connector to a 9 pin female connector (standard modem cable). Connect the 9 pin connector to RS-232 port A on the System controller and the 25 pin connector to the modem.



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