

ZP9D-96RM-MR setup to communicate to ZZ9D-NA-MR**ZP9D-96RM-MR Setup menu**

1. Select PC Settings tab (fig 1)

Default modem serial communication settings:

Baud rate – 9600
 Flow Control - NONE
 Data Bits - 8
 Parity - NONE
 Stop Bits - 1

2. Select communication COM port.

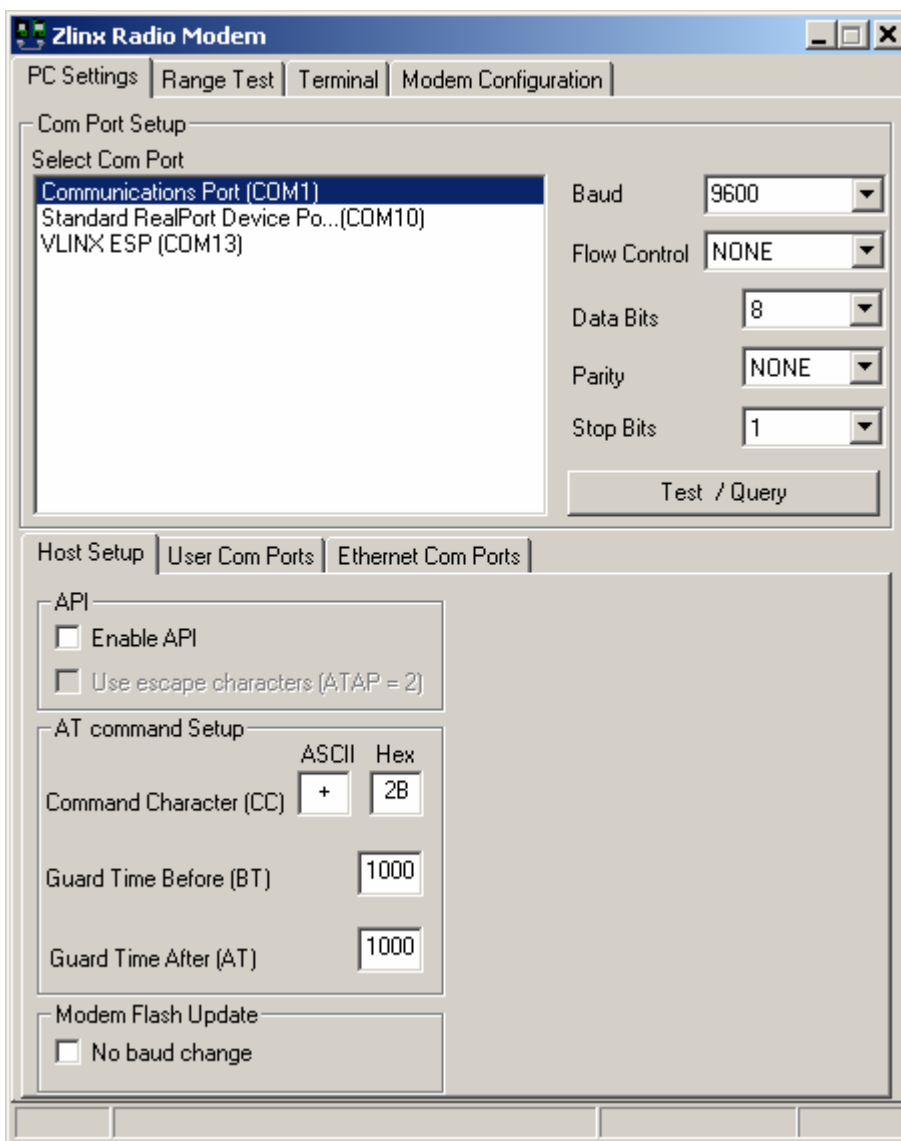


Figure 1

- 3. To test connection / communication with radio modem select Test / Query (fig 2)

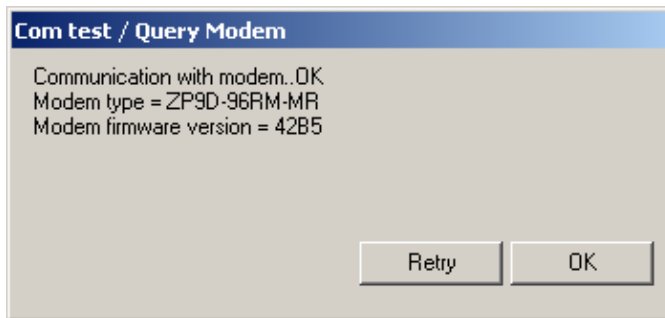


Figure 2

4. Modem Configuration tab

- a. Select Read Button
- b. Change Function Set to – HOPPING – ADVANCED RF MODES (Fig 3)

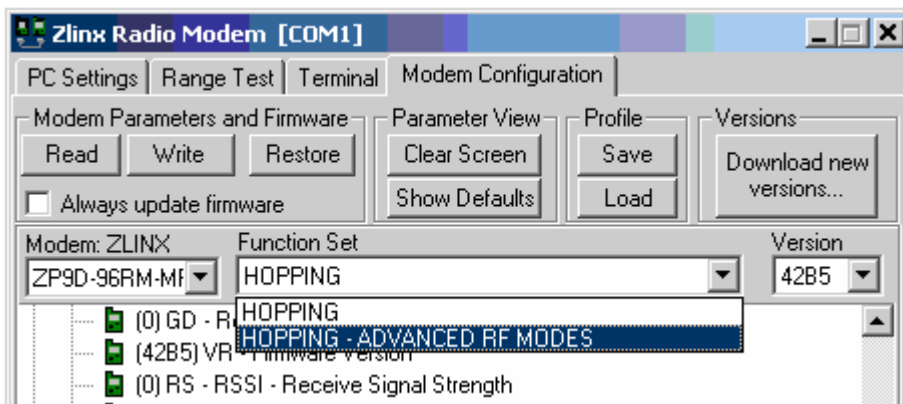


Figure 3

- c. Change Destination Address to FFFF by selecting Destination Address and inserting the new value. (Fig 4)

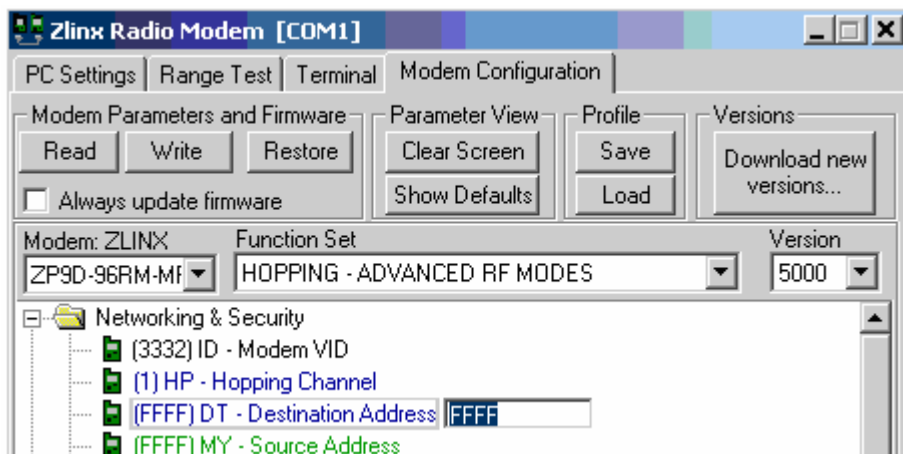


Figure 4

- d. Change default Modem VID setting 3332 to 17. This value is a hex 17. (Fig 5)
 - i. Select Terminal tab and enter +++. The unit will return an **OK**.
 - ii. Enter ATID17, hit enter. The unit will return **OK**.
 - iii. Write the setting to the modem by entering ATWR and hitting enter. The unit will return **OK**.
 - iv. Confirm setting by entering ATID enter. The modem will return **17**.

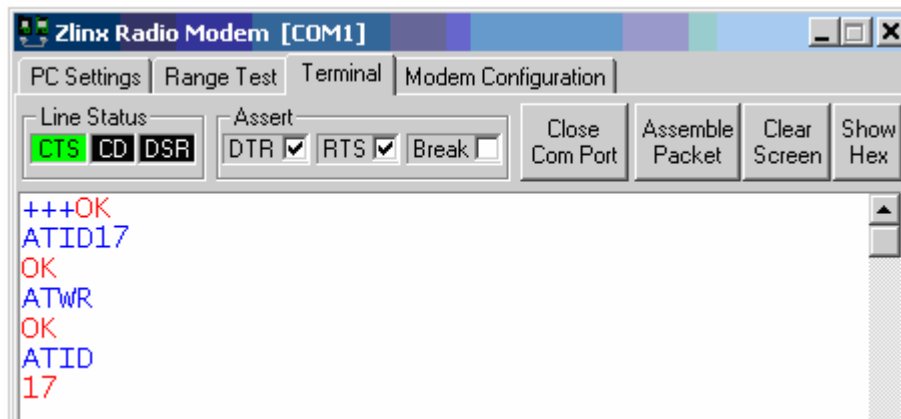


Figure 5

- e. Check all settings: (Fig 6)
 - i. Select Modem Configuration tab
 - ii. Select Read tab
 - iii. Confirm Modem ID is 17
 - iv. Confirm Destination Address is FFFF

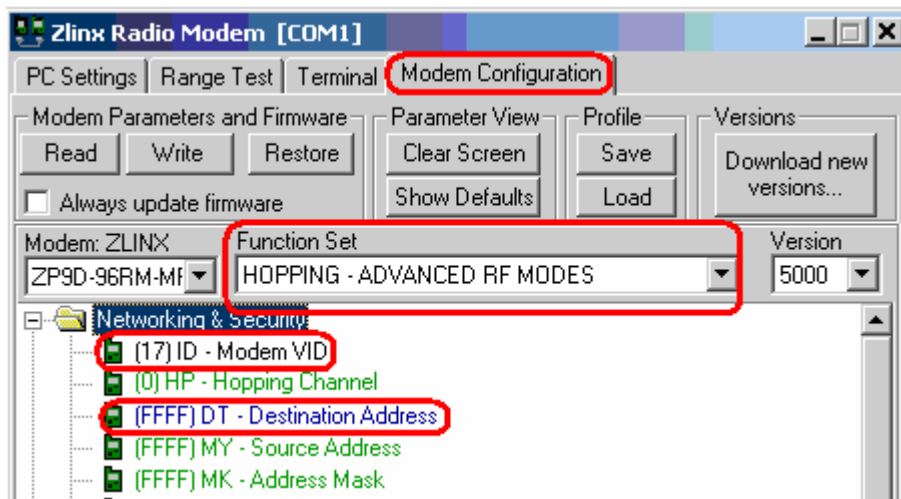


Figure 6

ZZ9D-NA-MR setup menu

1. For US operation set Region to Other (Fig 1)
2. Set Network Identifier to 23. This is a decimal 23 value. (Fig 1) A decimal 23 is equal to a hex 17 which is the Modem VID setting in the radio.
 - a. See Chart below for Hex to Decimal conversion.
3. Communication Mode set to Modbus

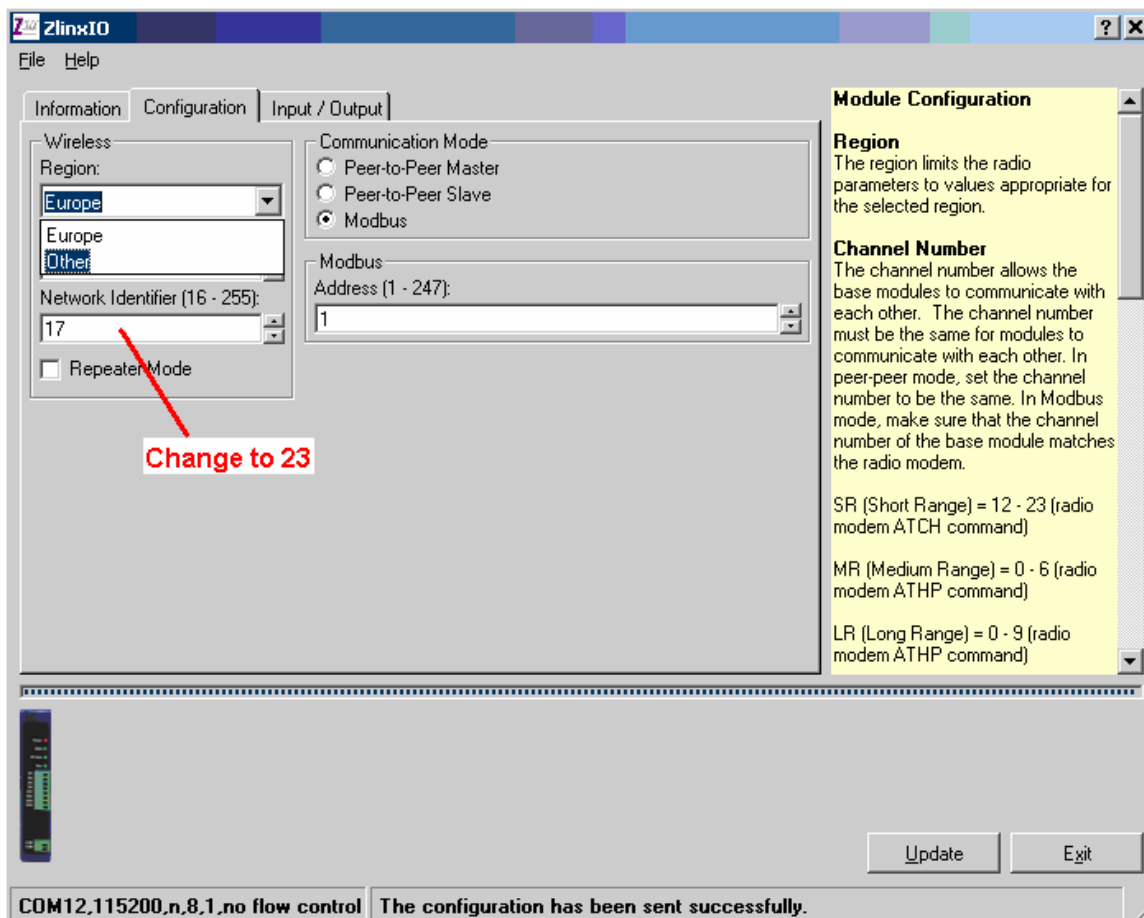


Figure 1

4. In reviewing the configuration of the Zlinx modem setting Modem VID you will see this is a hex value while the Zlinx I/O is a decimal value. In the example used in this document the value hex 17 was selected for the Modem ID. If you refer to the chart below the equivalent decimal value used in the VLinx I/O Network Identifier would be 23.

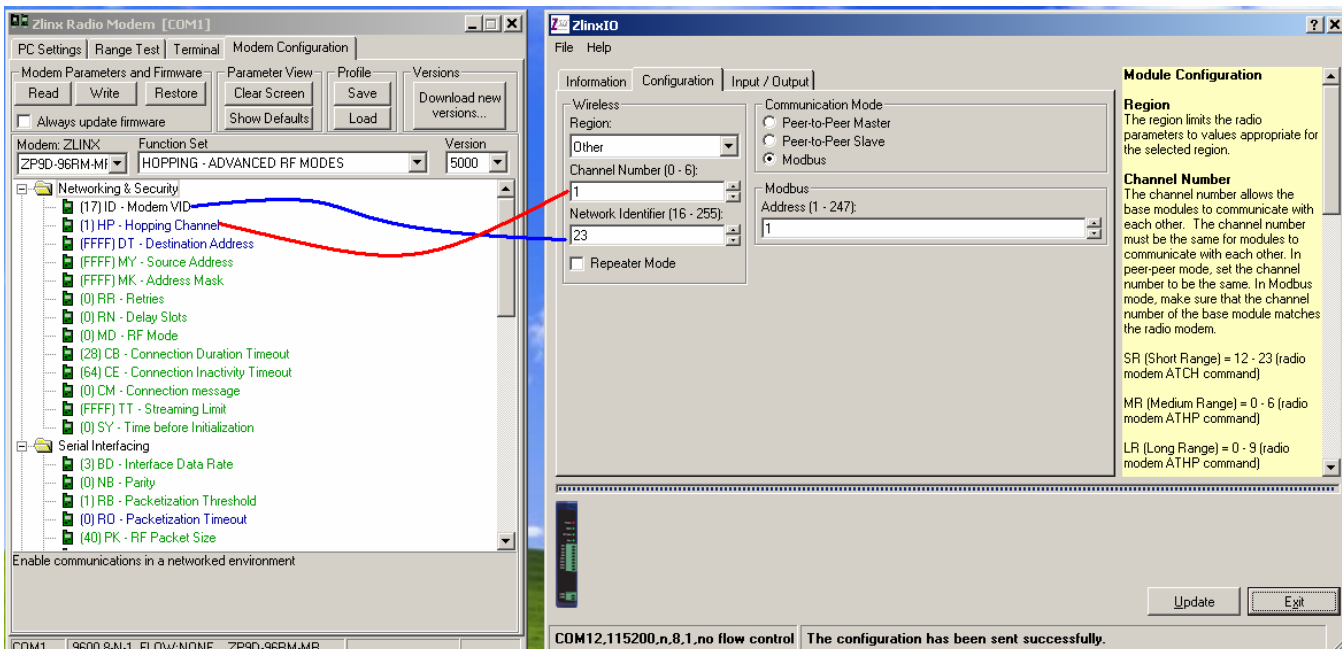
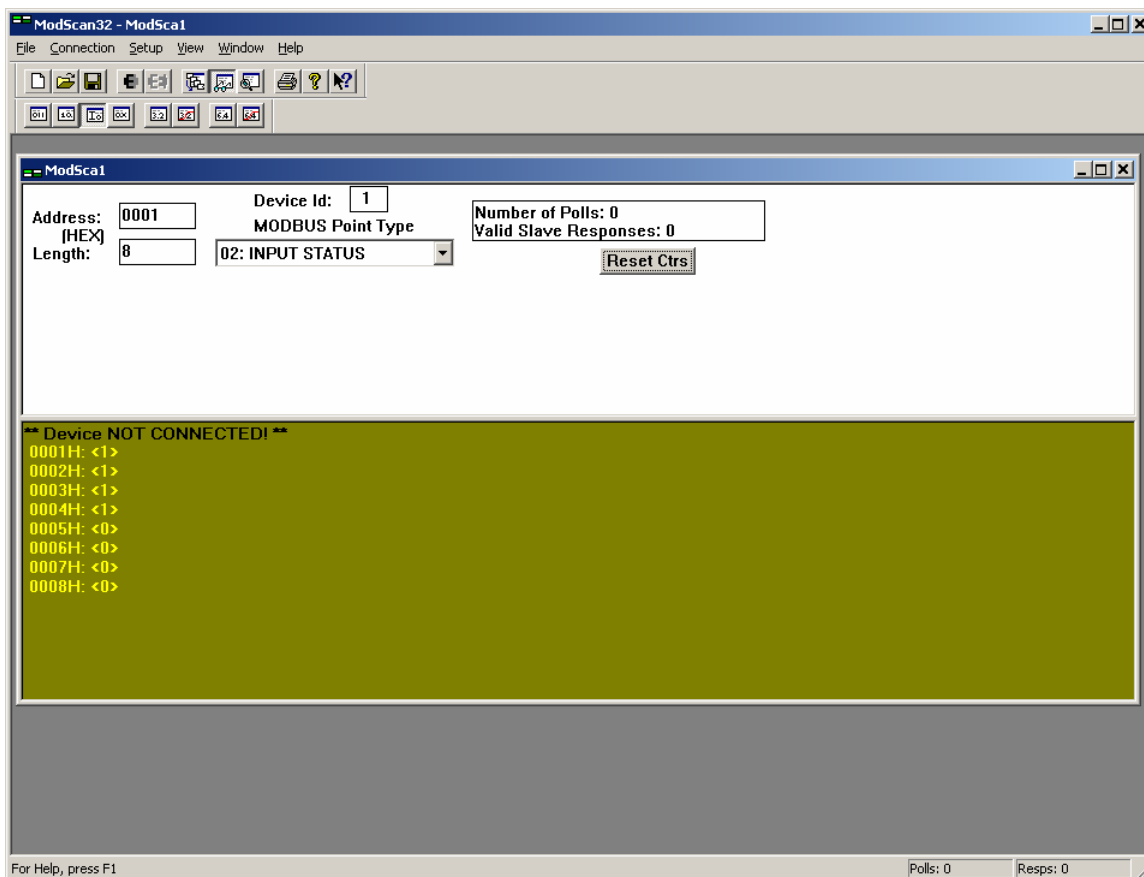
Decimal for Zlinx I/O Radio	Hex for Zlinx Serial Radio	Decimal for Zlinx I/O Radio	Hex for Zlinx Serial Radio	Decimal for Zlinx I/O Radio	Hex for Zlinx Serial Radio
17	11	41	29	65	41
18	12	42	2A	66	42
19	13	43	2B	67	43
20	14	44	2C	68	44
21	15	45	2D	69	45
22	16	46	2E	70	46
23	17	47	2F	71	47
24	18	48	30	72	48
25	19	49	31	73	49
26	1A	50	32	74	4A
27	1B	51	33	75	4B
28	1C	52	34	76	4C
29	1D	53	35	77	4D
30	1E	54	36	78	4E
31	1F	55	37	79	4F
32	20	56	38	80	50
33	21	57	39	81	51
34	22	58	3A	82	52
35	23	59	3B	83	53
36	24	60	3C	84	54
37	25	61	3D	85	55
38	26	62	3E	86	56
39	27	63	3F	87	57



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Modscan settings



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