

LYNX MODEL I/III

Manual Addendum

How to Tell if You Have an RS232 Card

Model I System

If you do not have an expansion interface, you do not have an RS232 card. Otherwise, remove compartment cover from top left side of expansion interface. If you have an RS232 card, it will be installed here.

Model III System

Locate the 50 pin I/O Bus Jack on the bottom of your computer. In front of it is an opening for the RS232 card edge connector. If the opening is empty, you do not have an RS232 card.

How to Use LYNX with an RS232 Card (Model III Only)

Your computer is capable of addressing 256 different "ports" or input/output locations. LYNX uses a group of four of these. Using the Port Selector P.C. Board, you can specify which group of four LYNX is to use. This is done by selecting a base port address (the first port in the group of four) from the chart on page 3 of the manual. Switches on the Port Selector P.C. Board are set according to the chart and the new hexadecimal address is entered at the start of the EMTERM program.

You are probably wondering why you should select a new base port address. The reason is that no two peripheral devices can be located at the same port address. If your computer came with an RS232 card, it uses four ports starting at hexadecimal E8. The LYNX, as shipped from the factory uses the same four ports. If you try to use LYNX without changing the base port address first, you may damage your RS232 card and LYNX. You must either remove the RS232 card or select a new base port address for the LYNX (much easier). It does not matter which new address you select, as long as it does not interfere with any other peripheral device you have on the Model III bus.

How to Use LYNX with Other Software

Model I

LYNX is compatible with standard terminal software written for the Model I. Just be sure your system does not contain an RS232 card.

Model III

If your computer does not contain an RS232 card LYNX will work with standard Model III terminal software after entering in BASIC command mode:

A=PEEK (16912)

POKE 16912, A OR 16

This operation enables the 50 pin I/O bus on the Model III computer. It is disabled each time the computer is reset.

If your computer does contain an RS232 card, it will be necessary to either remove the card or select a new base port address and modify the software to work with LYNX at the new address. Some terminal software has this capability "built in". Check with specific software authors for more information. Once LYNX and your software are set up, enter in BASIC command mode:

A=PEEK (16912)

POKE 16912, A OR 16

HOST Program

The HOST Program furnished with LYNX is designed to be used as an "extension" of your computer's keyboard and video. It is not DOS compatible and we do not recommend putting it on disk.

There are host programs available which allow disk system interaction. One such program is ST80-X10 by Lance Micklus, Inc.

Manual Corrections

Page 3 - under Selecting a New Base Port Address, left Hexadecimal column heading, 0, 4, 8 should be 00, 04, 08.

Page 4 - under Transferring EMTERM to Disk, change F EMTERM/CMD 7537 7FFF 7537 to F EMTERM/CMD: 0 } 7537 7FFF 7537
 or } depending on disk drive being used
 1 }

Page 7 - under An Example of Auto Dialing in BASIC, add the following lines:
106 A = PEEK (16912) 'ENABLE MODEL III I/O BUS
107 POKE 16912, A OR 16

Page 8 - under LYNX Port Usage, under Out (B+1)* column, Phone Line 1 = Off line, 0 = On Line should be 1 = Off Hook, 0 = On Hook.