AlarmNet® 7847i-L
Internet Communications Module

This supplement provides updated instructions for installing the Alarmnet 7847i-L in the LYNX PLUS Series Controls and an alternate configuration for the LYNXR-2 Series Controls.

Installing the 7847i-L in the Lynx Plus Series Controls

✓ **The 7847i-L Internet Communications Module must be programmed with the 7720P before it can be mounted in the LYNXR-2 OR Lynx Plus Series case.**

Ethernet Connections

UL
1. **For UL installations, the Cat. 5 Ethernet connection between the 7847i-L and the router cannot exceed 12 feet with both the 7847i-L and the router located within the same room.**
2. **A UL listed cable/DSL router suited for the application should be used.**

Electrical/Ethernet Connections

1. Connect one end of the Ethernet cable (Category 5) to the RJ45 Ethernet connector and the other end to a cable/DSL router as shown in Figure 1.

2. Connect the provided ECP Power/Communications cable PN 900-00801 between the device and the ECP/Communications receptacle on the Lynx Plus as shown in Figure 1.

3. When programming the module, plug the programming cable from the 7720P Programming Tool into the programming connector on the 7847i-L module (Refer to the 7847i-L Installation Instructions for Programming Details.)
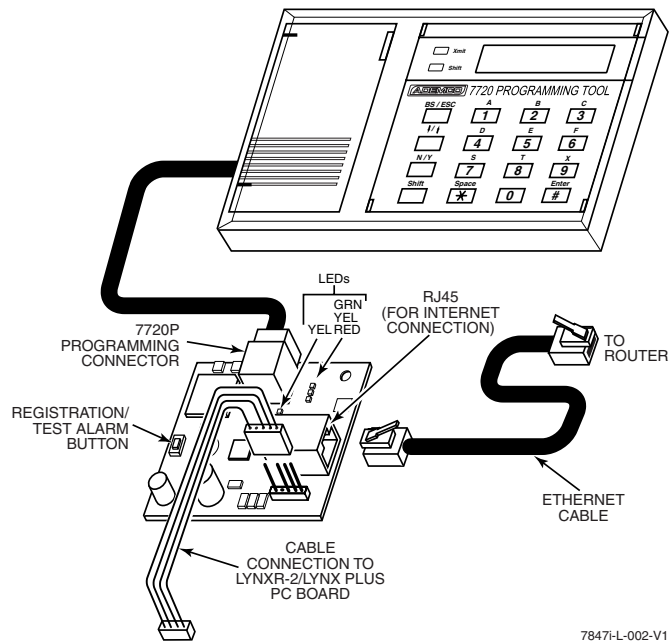

Figure 1 – Electrical/Ethernet Connections

Installing the 7847i-L in the Lynx Plus Series Controls
Mounting and Connecting

1. Install the module into the Lynx Plus Series back case as shown in Figure 2 and secure it with the two provided screws.

2. Connect the provided ECP Power/Communications cable PN 900-00801between the module and the PC board as shown in Figure 2. This cable provides DC power and ground and data in/out connections for the module.
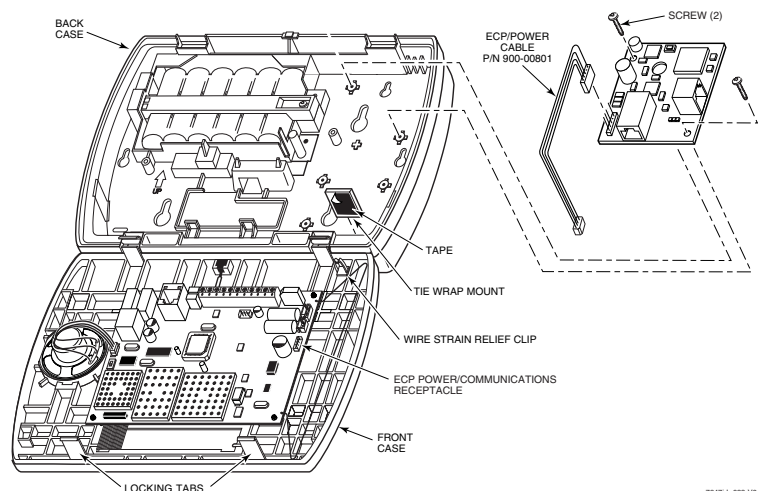

Figure 2 - Mounting the 7847i-L

Cable Routing

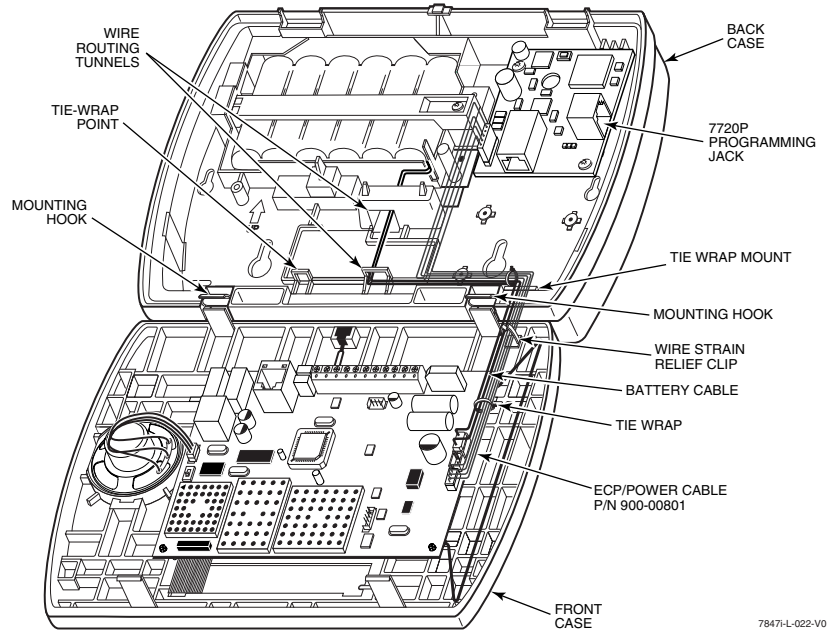1. To ensure proper communications, route the cables as shown in Figure 3.

WIRE
ROUTING
TUNNELS

BACK
CASE

TIE-WRAP
POINT

7720P
PROGRAMMING
JACK

MOUNTING
HOOK

TIE WRAP MOUNT

MOUNTING HOOK

WIRE STRAIN
RELIEF CLIP

BATTERY CABLE

TIE WRAP

ECP/POWER CABLE
P/N 900-00801

FRONT
CASE

7847i-L-022-V0

Figure 3 – Lynx Plus Cable Routing

Installing the 7847i-L in the LYNXR-2 Series Controls
Mounting and Connecting

1. Install the module into the LYNXR-2 Series back casee as shown in Figure 4 and secure it with the two provided screws.

2. Connect the provided ECP Power/Communications cable PN 900-00801between the module and the PC board as shown in Figure 4. This cable provides DC power and ground and data in/out connections for the module.
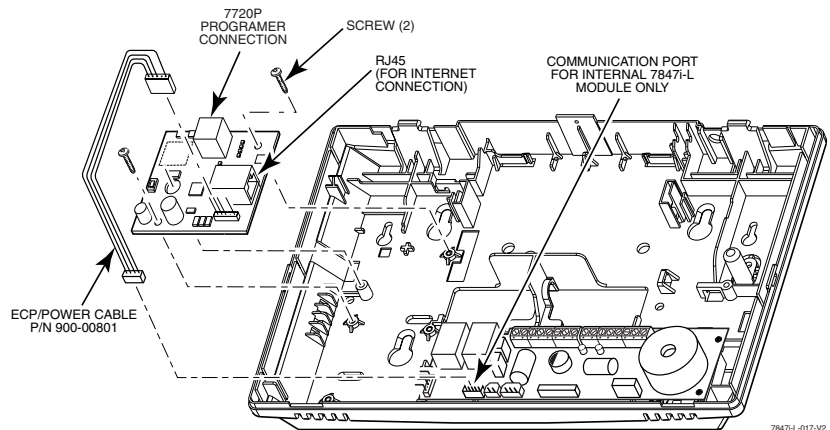
7720P
PROGRAMER
CONNECTION

SCREW (2)

RJ45
(FOR INTERNET
CONNECTION)

COMMUNICATION PORT
FOR INTERNAL 7847i-L
MODULE ONLY

ECP/POWER CABLE
P/N 900-00801

7847i-L-017-V2

Figure 4 - Mounting the 7847i-L

Honeywell