

CDMA-L57 Cellular Communications Module Installation Guide

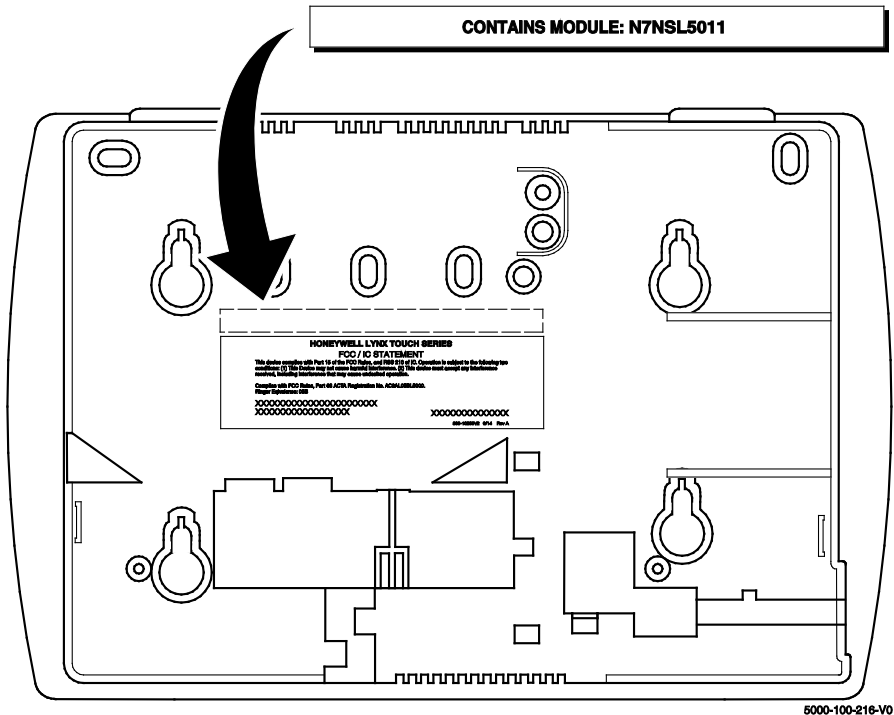
For Documentation and Online Support: <http://mywebtech.honeywell.com>

General Information

The CDMA-L57 Cellular Communications Modules allow the LYNX Touch L5210 and L7000 controls to communicate with the Central Station via the CDMA cellular network.

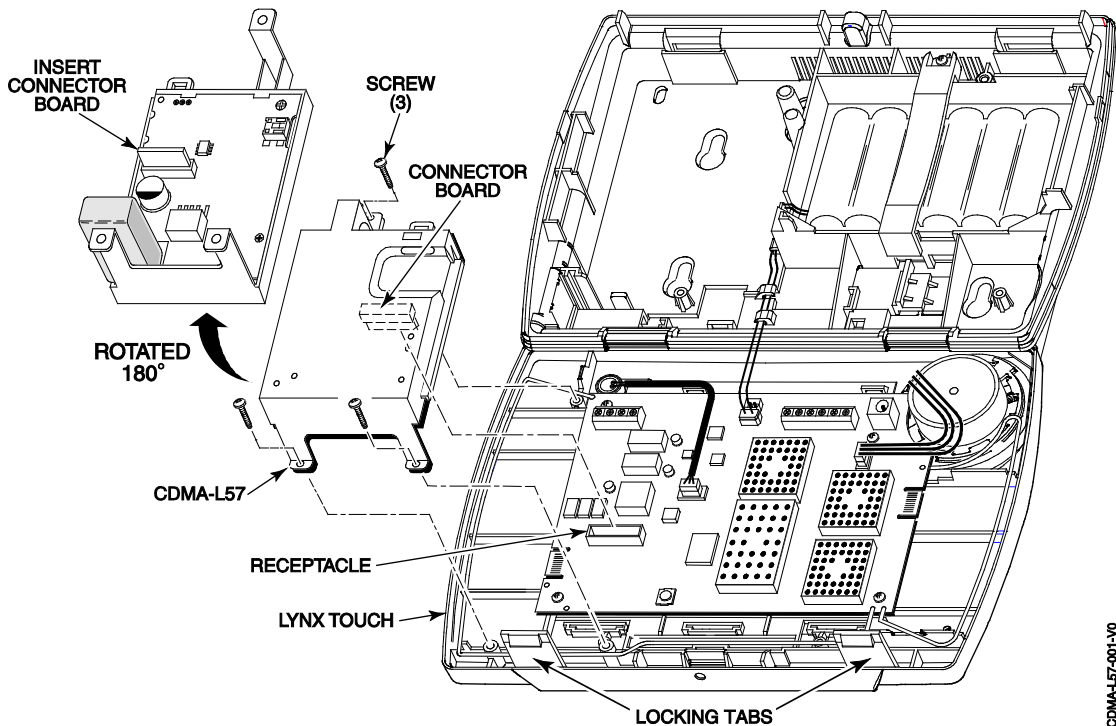
Installing the CDMA-L57 in the LYNX Touch Series Control

- 1. Install the provided FCC label (800-21260) on the control's case back (see diagram below).



Typical FCC/IC Label Location (L5210 shown)

- 2. Release the LYNX Touch front case from the back case by depressing the two locking tabs at the top of the unit with the blade of a medium size screwdriver (see diagram below).
- 3. Install the CDMA-L57 into the LYNX Touch control front case as shown. Ensure that the connector board is properly seated into the receptacle on the control.
- 4. Secure the CDMA-L57 with the three provided screws.
- 5. Enable the CDMA-L57 device, configure alarm reporting and module supervision and register the device. Refer to the "Program the Radio" and "Diagnostics" sections in the LYNX Touch Series Installation and Setup Guide (P/N 800-19974 or higher).



Installing the CDMA-L57 in the LYNX Touch (L5210 Shown)

Checking Signal Strength

When choosing a suitable mounting location, check the communicator's signal strength to ensure proper operation. For most installations, using the module's internal antenna, mounting the control as high as practical, and avoiding large metal components provides adequate signal strength for proper operation. Use the "CDMA Information" screen to display signal strength (in dBm).

Select: Security > More > Tools > [Installer Code] > Program > Comm. Diagnostics > CDMA Information

Primary Site RSSI Level Signal strength is displayed by a series of 1 to 5 stars (* weak to ***** strong) or "Not Present" if there is no signal. To ensure a reliable installation at least 2 (**) stars should consistently be present.

If necessary, relocate the Control to obtain better signal strength (press CDMA Information again to refresh the reading) or install an external antenna.




Specifications

Voltage Input	5V (provided by the control panel)
Current	
Idle	75 mA, standby
Average	575mA, average transmit
Peak	1.6A peak transmit, 25% duty cycle
Environmental	
Operating Temperature	-20°C to +55°C (for compliance agency: 0°C to +49°C)
Storage Temperature	-40° to +70°C
Humidity	0 to 95% relative humidity, non-condensing (for compliance agency 0% to 85%)
CDMA RF Features	<ul style="list-style-type: none">Dual-band support for both the 800MHz cellular and 1.9GHz PCS bands.Adheres to CDMA authentication as specified in CDMA 1X.Support for IS-95A/B and CDMA 1X Release 0/A.
External Antenna Kit	CELL-ANTHB

Important Note About External Antennas
If an external cellular radio antenna is used, the antenna may be installed or replaced ONLY by a professional installer.

To the Installer
The external antenna must not exceed a maximum directional gain (including cable loss) of 3.2 dBi at 850 MHz and 2.3 dBi at 1900 MHz.

Support & Warranty
For the latest documentation and online support, please go to: <https://mywebtech.honeywell.com/>
For the latest warranty information, please go to: www.honeywell.com/security/hsc/resources/wa.
For patent information, see www.honeywell.com/patents



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FEDERAL COMMUNICATIONS COMMISSION (FCC) STATEMENTS

The user shall not make any changes or modifications to the equipment unless authorized by the Installation Instructions or User's Manual. Unauthorized changes or modifications could void the user's authority to operate the equipment.

FCC CLASS B STATEMENT

This equipment has been tested to FCC requirements and has been found acceptable for use. The FCC requires the following statement for your information:

This equipment generates and uses radio frequency energy and if not installed and used properly, that is, in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been type tested and found to comply with the limits for a Class B computing device in accordance with the specifications in Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- If using an indoor antenna, have a quality outdoor antenna installed.
- Reorient the receiving antenna until interference is reduced or eliminated.
- Move the radio or television receiver away from the receiver/control.
- Move the antenna leads away from any wire runs to the receiver/control.
- Plug the receiver/control into a different outlet so that it and the radio or television receiver are on different branch circuits.
- Consult the dealer or an experienced radio/TV technician for help.

INDUSTRY CANADA CLASS B STATEMENT

This Class B digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

FCC / IC STATEMENT

This device complies with Part 15 of the FCC Rules, and RSS 210 of IC. Operation is subject to the following two conditions: (1) This device may not cause harmful interference (2) This device must accept any interference received, including interference that may cause undesired operation.

Cet appareil est conforme à la partie 15 des règles de la FCC & de RSS 210 des Industries Canada. Son fonctionnement est soumis aux conditions suivantes: (1) Cet appareil ne doit pas causer d'interférences nuisibles. (2) Cet appareil doit accepter toute interférence reçue y compris les interférences causant une réception indésirable.

RF Exposure Warning



The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 7.8 in (20 cm) from all persons and must not be co-located or operated in conjunction with any other transmitter except in accordance with FCC multi-transmitter product procedures.

Mise en Garde

Exposition aux Fréquences Radio: L'antenne (s) utilisée pour cet émetteur doit être installée à une distance de séparation d'au moins 7,8 pouces (20 cm) de toutes les personnes.



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