

## 734N-WIFI How-To Programming Instructions

To program a 734N-WIFI, you must complete the programming process in two places: the panel and the 734N-WIFI. This guide walks you through programming the 734N-WIFI into an XR150/XR550 Series panel and then programming the 734N-WIFI itself.

### Program the XR150/XR550 Series Panel

1. Momentarily place a jumper over both pins on the panel's RESET header.
2. Enter the code 6653 (PROG) and press CMD.
3. The keypad displays PROGRAMMER. Press CMD.
4. Press CMD until NETWORK OPTIONS. Press any select key or area.
5. CMD through the options until LOCAL IP ADDRESS is displayed.
6. Write down the LOCAL IP ADDRESS of the panel to use when programming the 734N-WIFI module.
7. CMD through the options until 734N-WIFI LISTEN PORT is displayed.
8. Enter the port number that the 734N-WIFI will use to send communication to the panel. Default is 2002. Write down the port number, as this must be the same port that is programmed in PANEL IP PORT within the 734N-WIFI COMMUNICATION programming menu. Press CMD to display 734N-WIFI Passphrase.
- Note:** The 734N-WIFI LISTEN PORT cannot be the same as the panel network programming port.
9. Enter an 8 to 16-character passphrase to encrypt communication with the 734N-WIFI module. The 734N-WIFI passphrase must match the 734N-WIFI passphrase entered in COMMUNICATION programming of the 734N-WIFI.
- Note:** A passphrase is required for communication to occur with the panel.
10. Exit NETWORK OPTIONS and CMD to DEVICE SETUP.
11. Enter the device number of the 734N-WIFI you are programming. For example, a 734N-WIFI with an address of 505 on AX500 would represent Door 505 and zones 505-508. See Table 1 for device addresses and zones.
- Note:** XR150 Series panels only support addresses 2-8.

**Table 1: Device Addresses and 734N-WIFI Zone Numbers**


| Device/<br>Door | Zones   | Device/<br>Door | Zones   | Device/<br>Door | Zones   | Device/<br>Door | Zones   | Device/<br>Door | Zones   | Device/<br>Door | Zones   |
|-----------------|---------|-----------------|---------|-----------------|---------|-----------------|---------|-----------------|---------|-----------------|---------|
|                 |         | 501             | 501-504 | 601             | 601-604 | 701             | 701-704 | 801             | 801-804 | 901             | 901-904 |
| 2               | 21-24   | 505             | 505-508 | 605             | 605-608 | 705             | 705-708 | 805             | 805-808 | 905             | 905-908 |
| 3               | 31-34   | 509             | 509-512 | 609             | 609-612 | 709             | 709-712 | 809             | 809-812 | 909             | 909-912 |
| 4               | 41-44   | 513             | 513-516 | 613             | 613-616 | 713             | 713-716 | 813             | 813-816 | 913             | 913-916 |
| 5               | 51-54   | 517             | 517-520 | 617             | 617-620 | 717             | 717-720 | 817             | 817-820 | 917             | 917-920 |
| 6               | 61-64   | 521             | 521-524 | 621             | 621-624 | 721             | 721-724 | 821             | 821-824 | 921             | 921-924 |
| 7               | 71-74   | 525             | 525-528 | 625             | 625-628 | 725             | 725-728 | 825             | 825-828 | 925             | 925-928 |
| 8               | 81-84   | 529             | 529-532 | 629             | 629-632 | 729             | 729-732 | 829             | 829-832 | 929             | 929-932 |
| 9               | 91-94   | 533             | 533-536 | 633             | 633-636 | 733             | 733-736 | 833             | 833-836 | 933             | 933-936 |
| 10              | 101-104 | 537             | 537-540 | 637             | 637-640 | 737             | 737-740 | 837             | 837-840 | 937             | 937-940 |
| 11              | 111-114 | 541             | 541-544 | 641             | 641-644 | 741             | 741-744 | 841             | 841-844 | 941             | 941-944 |
| 12              | 121-124 | 545             | 545-548 | 645             | 645-648 | 745             | 745-748 | 845             | 845-848 | 945             | 945-948 |
| 13              | 131-134 | 549             | 549-552 | 649             | 649-652 | 749             | 749-752 | 849             | 849-852 | 949             | 949-952 |
| 14              | 141-144 | 553             | 553-556 | 653             | 653-656 | 753             | 753-756 | 853             | 853-856 | 953             | 953-956 |
| 15              | 151-154 | 557             | 557-560 | 657             | 657-660 | 757             | 757-760 | 857             | 857-860 | 957             | 957-960 |
| 16              | 161-164 | 561             | 561-564 | 661             | 661-664 | 761             | 761-764 | 861             | 861-864 | 961             | 961-964 |

12. Enter a device name. To add a device name, press any select key or area. The default device name (DEVICE x) displays. Select CMD to accept the default name or press a select key or area to enter a new name (up to 32 alphanumeric characters). Press CMD when finished.
13. Based on the device number, the DEVICE TYPE may be assumed. Device 501 or higher will automatically be selected as a DOOR device type.
14. For DEVICE COMMUNICATION TYPE, select the blank select key or area and then select NETWORK.
15. Exit DEVICE SETUP. CMD through options until STOP. Exit programming.



## Program the 734N-WIFI

The first time a 734N-WIFI is programmed, you must use a 32-character keypad connected directly to the 734N-WIFI and set to address one. For 12 Volt applications, connect the keypad to the 734N-WIFI using a Model 330 4-wire harness. For 24 Volt applications, connect the keypad to the 734N-WIFI using a 330-24 4-wire programming harness with an in-line resistor.

 **Caution:** Do not connect a keypad using a Model 330 harness if you are using a 24 volt power supply! Damage to the keypad could occur.

Before programming the 734N-WIFI, obtain the Service Set Identification (SSID), the Wireless Security Type, and the Wireless Network Key from the wireless router or a network administrator. Refer to the 734N-WIFI Installation Guide (LT-1213) for more information on programming.

1. Plug a keypad into the 734N-WIFI. The keypad must be programmed as Address 1. The version and release date display.
2. Enter the code 6653 (PROG) and press CMD until COMMUNICATION displays. At COMMUNICATION, press any select key or area to enter the menu.
3. In COMMUNICATION, set the device address. See Table 1 for device addresses and zones.
4. At the PANEL IP ADDRESS prompt, enter the same IP address that you wrote down when programming the panel.
5. At the PANEL IP PORT prompt, enter the same IP port that you wrote down when programming the panel.  
**Note:** The panel IP port cannot be the same as the panel network programming port.
6. At the 734N-WIFI PASSPHRASE prompt, enter the same passphrase you entered when programming the panel.
7. At the SSID prompt, enter up to 32 characters for the SSID key that identifies the wireless network.
8. At the W/L SECURITY prompt, press any select key or area to display the four wireless security options. Press the CMD key to choose the fifth option, NONE.
9. If you choose a wireless security option, the W/L KEY prompt displays. Press any select key or area to enter a wireless network key.
10. Exit programming when finished.

## Check the Connection Status

1. At the version and release date display, press CMD.
2. Select YES at the MENU? option.
3. Press a select key or area when CONNECT STATUS is displayed.
4. If connected to the panel, the 734N-WIFI will display a TRANSMIT TIME. If there is a problem with the connection, it will display NOT CONNECTED.

