734N How-To Programming Instructions

To program a 734N, you must complete the programming process in two places: the panel and the 734N. This guide walks you through programming the 734N into an XR150/XR550 Series panel and then programming the 734N 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 any select key or area.
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 module.
7. CMD through the options until 734N LISTEN PORT is displayed.
8. Enter the port number that the 734N 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 COMMUNICATION programming menu. Press CMD to display 734N Passphrase.

   Note: The 734N 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 module. The 734N passphrase must match the 734N passphrase entered in COMMUNICATION programming of the 734N.

   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 you are programming. For example, a 734N 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 Zone Numbers

Device/Door	Zones	Device/Door	Zones	Device/Door	Zones	Device/Door	Zones	Device/Door	Zones	Device/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	909-512
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.

17072

Program the 734N

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

1. Plug a keypad into the 734N. 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 PASSPHRASE prompt, enter the same passphrase you entered when programming the panel.
7. 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 will display a TRANSMIT TIME. If there is a problem with the connection, it will display NOT CONNECTED.