734N & 734N-WIFI Wiegand Interface Modules

May 2017

Firmware Update

All 734N and 734N-WIFI Wiegand Interface Modules are now being manufactured with Version 101 (10/21/16) firmware. Updated units are currently being shipped.

AX-BUS™ Address Compatibility

Version 101 (10/21/16) now adds the ability to use XR550 Series panel AX-Bus addresses with 734N and 734N-WIFI modules. This firmware update allows you to program an additional 16 734N or 734N-WIFI doors of access into an XR550 Series panel (Version 171 or higher) for a total of 31 doors.

Door capacity can be further increased to a maximum of 63 or 95 by applying purchased feature keys. Feature keys are purchased through DMP Customer Service and entered into the panel using a keypad or Remote Link. Call DMP Customer Service at 1-866-266-2826 for purchasing information. See the Feature Upgrade section of the XR150/XR550 Series Programming Guide (LT-1232).

Programming and Operation

To program a 734N or 734N-WIFI, you must complete the programming process in two places: the panel and the 734N or 734N-WIFI. First, refer to the Network Options and Device Setup sections of the XR150/XR550 Series Programming Guide (LT-1232) to set up the device in the panel. Then, step through the programming instructions included with the 734N (LT-1197 and LT-1225) or 734N-WIFI (LT-1213 and LT-1228).

To set the 734N or 734N-WIFI address, refer to Table 1. Only valid door numbers can be assigned in Device Setup. For keypad bus addresses, XR550 Series panels use addresses 2 through 16 and XR150 Series panels use addresses 2 through 8. Address 1 is reserved for hardwired keypads on both XR150 and XR550 Series panels.

Device/Door	Zones	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

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

Once an address has been programmed for the LX-Bus, it is automatically converted from a hardwire zone expansion bus to a hardwire Access Expansion Bus (AX-Bus™) and the bus begins to operate as shown below.

- Each 734N or 734N-WIFI module provides one door relay and four protection zones to connect switches such as door and window contacts.

- 16 doors of access can be programmed per AX-Bus to a maximum of 80 734N or 734N-WIFI modules. Please see Table 1 for available addresses.

- Any unused AX-Bus zone numbers (00 - 99) may be programmed as wireless zones. Hardwired zone expansion modules such as the 711, 714, 715-16 and others are incompatible with bus operation and cannot be used.

- Device Setup programming for AX-Bus addresses are automatically programmed as a door type. Device Type and Display Areas are not shown. Only 734N and 734N-WIFI module programming is shown. Communication types for AX-Bus addresses are AX-BUS and NETWORK.

- An AX-Bus operation is only compatible with 734, 734N, and 734N-WIFI modules and the XR550 Series panels. Keypads must only be use on the keypad bus. AX-Bus operation is not compatible with the XR150 Series panels.

Obtaining the New Hardware

New 734N and 734N-WIFI Wiegand Interface Modules can be ordered by contacting DMP Customer Service at 1-800-641-4282 or by visiting buy.dmp.com.