IDENTIFY PANEL COMPONENTS

1. Identify the following panel components using the panels in front of you, or the on-screen photo:

- ‣ Reset header
- ‣ Programming header
- ‣ Outputs
- ‣ Cellular pins
- ‣ AC Power terminals
- ‣ 1100 Series antenna connection
- ‣ On-board zone terminals
- ‣ Network connection

POWER UP THE CONTROL PANEL

1. Connect AC power to terminals 1 & 2
   - ‣ Transformer type: 16.5VAC 50VA
   - ‣ Connect battery backup to terminals 3 & 4
2. Connect alarm bell to terminals 5 & 6
   - ‣ Normal 12VDC is supplied to terminal 5, terminal 6 is ground reference
   - ‣ 1/2 W 1K Ohm resistor should be added across the bell circuit for supervision

ENTER PANEL PROGRAMMER

1. Reset the panel using the **RESET JUMPER**
2. Enter **6653 (PROG)** and press **CMD**
3. Press **CMD** to navigate through the panel programmer menus:

- ‣ Initialization
- ‣ Communication
- ‣ Network Options
- ‣ Device Setup
- ‣ Remote Options
- ‣ System Reports
- ‣ System Options
- ‣ Bell Options
- ‣ Output Options
- ‣ Output Information
- ‣ Output Groups
- ‣ Status List
- ‣ Menu Display
- ‣ PC Log Reports
- ‣ Area Information
- ‣ Zone Information
- ‣ Stop

EDIT AREA NAMES

1. Navigate to **AREA INFORMATION** and press a top-row select area.
2. Press **CMD** to navigate to **AREA NO**.
3. Enter an **AREA NUMBER** and press **CMD.**
4. Press a top-row select area and enter an **AREA NAME.**
5. Press a top-row select area to clear any text and enter in a new area name.
6. Exit **AREA INFORMATION** and navigate to **STOP** to save changes.
7. Arm, disarm and trip an alarm in Area system type

CREATE A SCHEDULE

1. At the keypad, press **CMD** until the **USER MENU?** prompt displays
2. Select **YES** and enter **99+CMD** to enter the **USER MENU**
3. Using **CMD**, navigate to **SCHEDULES?** and press a top-row select area
4. Select **TIMES**
5. To create a time schedule, select **ADD**
6. Press **1** to create Schedule 1

7. Press a top row area to enter a name for the schedule
8. Press **CMD** and select a day of the week.
9. Enter the **BEGIN** and **END** times for the chosen day
10. Set times for each day of the week
11. Create schedule 2

CREATE A PROFILE

1. At the keypad, press **CMD** until the **USER MENU?** prompt displays
2. Select **YES** and enter **99+CMD** to enter the **USER MENU**
3. Using **CMD**, navigate to **PROFILES?** and press a top-row select area
4. Select **ADD** and enter **11** to create **PROFILE 11**
5. Press a top row area to enter a name for the profile
6. Assign **ARM/DISARM AREA 2** and press **CMD**
7. Assign **ACCESS AREA 2** and press **CMD**
8. Press **CMD** until **DISARM?** displays and select **YES**
9. Navigate to **DOOR ACCESS** and confirm it is set to **YES**
10. Navigate to **FIRST ACCESS SCHEDULE** and press the third select area to enter the schedule number for the access schedule
11. **LIST** will show the schedule names
12. Press **CMD** until **PROFILE 11 ADDED** is displayed
13. Create another profile using **PROFILE 12**

ADD A USER CODE WITH PIN

1. Enter the **USER MENU** and navigate to the **USER CODES?** prompt
2. Press a top-row select area to add a **USER CODE**
3. Select **ADD**
4. Select the **USER NUMBER** and press **CMD**
   - ‣ The fourth top row select area will display the lowest available user number
5. Enter in a 5-digit user code and press **CMD**
6. Press a top-row select area to add a **USER NAME** and press **CMD**
7. Press a top row select area, enter **12** to assign **PROFILE 12** to this user
   - ‣ LIST will display the profile names
8. Press **CMD** until **USER ADDED** displays

ADD A USER CODE WITH CARD

1. Enter the **USER MENU** and go to **USER CODES**?
2. Press a top-row select area to add a **USER CODE**
3. Select **ADD**
4. Select the **USER NUMBER** and press **CMD**
5. Scan card by waving it over the blue status LED

6. Press a top-row select area and add a **USER NAME** and press **CMD**

7. Press a top-row select area and enter **11** to assign **PROFILE 11** to this user.

8. Press **CMD** until **USER ADDED** displays

CREATE AN OUTPUT SCHEDULE

1. Re-enter the schedule programming section. Press **CMD** and select **OUTPUT**.

2. Enter output 1, then schedule 2.

3. Press the **BACK ARROW** to exit schedule programming.

4. Advance panel **TIME** to test the **BEGIN** and **END** times for the schedule.

ADD A 734 INTERFACE MODULE

1. Connect the 734 module to the **KEYPAD BUS**

2. Use the dip switches on the 734 to address the module

3. Reset the panel and enter **6653** (PROG) to enter the panel programmer

4. Using **CMD**, navigate to **DEVICE SETUP**

5. Program the 734 at the same address set with the dip switches

6. Press a top-row select area to name the device

7. Press a top-row select area to program the **DEVICE TYPE** as a **DOOR**

8. Assign **ACCESS AREA 2**

9. Set **PUBLIC DOOR**, **FIRE EXIT**, and **DOOR REAL-TIME STATUS** to **YES**

10. Connect the reader to **TERMINALS 1–4** on the 734

11. Connect the **POSITIVE** terminal on the external power supply to the **C** (Common) terminal on the 734

12. Connect the **NEGATIVE** terminal on the door strike to the **NEGATIVE** terminal on the external power supply

13. Connect the **POSITIVE** terminal on the door strike to the **NO** (Normally Open) terminal on the 734

14. Install the Model 333 Suppressor between the **C** and **NO** terminals on the 734

ADD A 734N/734N-POE

The 734N and 734N-POE only have one difference and that is how they are powered. To program a 734N/734N-POE, programming needs to take place in two places: the panel and the 734N/734N-POE.

PANEL PROGRAMMING

1. Reset the panel and enter **6653** (PROG) to enter the panel programmer

2. Using **CMD**, navigate to **NETWORK OPTIONS**

3. Write down the **PANEL IP ADDRESS**

4. Write down the 734N **LISTEN PORT** and make sure it is open to the local network

5. Press a top-row select area to set the 734N **PASSPHRASE**

6. Using **CMD**, navigate to **DEVICE SETUP**

7. Program a **DEVICE NUMBER** for the 734N
   ‣ For AX-Bus use, the 734N must be at least v101 (10/21/16)

8. Press a top-row select area to name the device

9. Assign **ACCESS AREA** 2 to the device

10. Set **PUBLIC DOOR**, **FIRE EXIT**, and **DOOR REAL-TIME STATUS** to **YES**

WIRING/734N PROGRAMMING

1. Connect the 734N to the local network
   ‣ For 734N-POE connect network cable to a POE switch

2. Connect the reader to **TERMINALS 1-4**

3. Connect DC power
   ‣ The 734N accepts 12-24VDC power input

4. Plug a keypad into the **PROG** header on the 734N
   ‣ The keypad should be Address 1 with supervision turned on

5. Press **CMD** to navigate to **734N COMMUNICATION** and press a top-row select key

6. Program the **DEVICE NUMBER** for the 734N
   ‣ This should match the device that was created in the panel

7. If entering **STATIC IP** information, set **DHCP** to **NO**, otherwise, press **CMD**
   ‣ The 734N requires an IP, subnet mask, and gateway address for static network programming

8. Enter the **PANEL IP PORT**
   ‣ This should match the 734N Listen Port from the panels' programming

9. Enter the 734N **PASSPHRASE** that was entered in the panel

10. Program access options for this door

11. Using **CMD**, advance to **STOP** and press a top-row select key to save programming

12. Remove the keypad from the **PROG** header

13. Connect the **POSITIVE** terminal on the external power supply to the **C** (Common) terminal on the 734N

14. Connect the **NEGATIVE** terminal on the door strike to the **NEGATIVE** terminal on the external power supply

15. Connect the **POSITIVE** terminal on the door strike to the **NO** (Normally Open) terminal on the 734N

16. Install the Model 333 Suppressor between the **C** and **NO** terminals on the 734N

ADD A CUSTOM CARD FORMAT

PANEL PROGRAMMING

1. Reset the panel and enter **6653** (PROG) to enter the panel programmer

2. Using **CMD**, navigate to **DEVICE SETUP**

3. Press a top-row select key to enter **DEVICE SETUP**

4. Press a top-row select key to enter **CARD FORMATS**

5. Enter 1 then **CMD** to program the first card format

6. Press a top-row select key to name the format **DMP 26 bit**

7. Press **CMD** to navigate to **WIEGAND CODE LENGTH**

8. Press a top-row select key to enter the length of **26**

9. Press **CMD** to navigate to **SITE CODE**

10. Press a left top-row select key and enter **1** for **SITE CODE POSITION**, then press **CMD**

11. Press a right top-row select key and enter **7** for **SITE CODE LENGTH**, then press CMD

12. Press a left top-row select key and enter **8** for the **USER CODE POSITION**, then press **CMD**

13. Press a right top-row select key and enter **17** for the **USER CODE LENGTH**

14. Press **CMD** to advance to **REQUIRE SITE CODE?**

15. Press **CMD** to leave as **NO**, otherwise press a left top-row key to change to **YES**, press **CMD**

16. Press a right top-row key and enter **5** at **NUMBER OF USER CODE DIGITS**, then press **CMD**

17. At the Card Formats screen, press the back-arrow key to return to **CARD FORMATS**

18. Press the back-arrow key again to return to **DEVICE SETUP**

19. Using **CMD**, advance to **STOP** and press a top-row select key to save programming

PROGRAM A 26 BIT CARD

1. Enter the **USER MENU** and go to **USER CODES?**

2. Press a top-row select area to add a **USER CODE**

3. Select **ADD**

4. Select the **USER NUMBER** and press **CMD**

5. Scan card by waving it over the blue status LED

6. Press a top-row select area and add a **USER NAME** and press **CMD**

7. Press a top-row select area and enter **11** to assign **PROFILE 11** to this user

8. Press **CMD** until **USER ADDED** displays

SETTING UP ANTI-PASSBACK

PROGRAMMING DEVICE

Anti-Passback requires 2 734's and 2 readers

1. On first 734 program an **ACCESS AREA** and an **EGRESS AREA**.

2. Enter the panel programming menu and navigate to **DEVICE SETUP**.

3. Enter the **DEVICE ADDRESS** of your first 734.
   ‣ This is typically the 734 that is on the outside of the door.

4. Program an Access Area as **AREA 1**.

5. Program an Egress Area as **AREA 2**.
   ‣ The Egress Area must be different than the Access Area,.

6. Enter the **DEVICE ADDRESS** of your second 734.

7. Program an Access Area as **AREA 2**.

8. Program an Egress Area as **AREA 1**.

9. Exit panel programming

PROGRAMMING USER PROFILE

1. Enter the User Menu and navigate to **PROFILES**.

2. Enter the **PROFILE NUMBER** you would like to create.

3. Under Access Areas make sure to **ASSIGN** both **AREA 1 AND 2**.

4. Enable **ANTI-PASSBACK**.

5. Assign profile to the user.

ADD AN 1134 WIRELESS WIEGAND MODULE

To program an 1134, programming needs to take place in two places: the panel and the 1134.

WIRING/DEVICE PROGRAMMING

1. Connect the **POSITIVE** terminal on the external power supply to the **POSITIVE** terminal on the 1134

2. Connect the **NEGATIVE** terminal on the external power supply to the **NEGATIVE** terminal on the 1134

3. Set the **WET/DRY** jumper to **WET**

4. Connect the **POSITIVE** terminal on the door strike to the **NO** (Normally Open) terminal on the 1134

5. Connect the **NEGATIVE** terminal on the door strike to the **NEGATIVE** terminal on the 1134

6. Install the Model 333 Suppressor between the **C** and **NO** terminals on the 1134

7. Connect a door contact to **Zone 2**

8. Connect the REX to **Zone 3**

9. Connect the reader to **TERMINALS 1-4**

10. Plug in the keypad to the 1134 **PROG** header
    ‣ The keypad should be Address 1 with supervision turned on

11. Using **CMD**, navigate to **ACTIVATE ZONE 2 BYPASS**

12. Press the fourth top-row select key to turn on **ZONE 2 BYPASS**

13. Using **CMD**, navigate to **ACTIVATE ZONE 3 REX**

14. Press the fourth top-row select key to turn on **ZONE 3 REX**

15. Using **CMD**, navigate to **REMOVE KEYPAD** and remove the keypad from the **PROG** header

PANEL PROGRAMMING

1. Reset the panel and enter **6653 (PROG)** to enter the panel programmer

2. Using **CMD**, navigate to **DEVICE SETUP**

3. Press **CMD** until you get to **DEVICE NO:-**

4. Enter a **DEVICE NO** and press **CMD**

5. Press **CMD** until you get to **DEVICE NAME**

6. Enter a **DEVICE NAME** and press **CMD**

7. Select **DOOR** for **DEVICE TYPE** and press **CMD**

8. Select **WLS** at **COMM TYPE** and press **CMD**
   ‣ Panel version 191 or higher software is required

9. Enter the eight-digit **SERIAL NO** and press **CMD**
   ‣ Enter the Type 14 serial number labeled 'Device' found on the 1134 PCB or by connecting a keypad to the header on the 1134

10. Enter the **SUPRVSN TIME** and press **CMD**

11. Program access options for this door

12. Using **CMD**, navigate to **ZONE INFORMATION**

13. Enter the wireless **ZONE NO** and press **CMD**

14. Enter the **ZONE NAME** and press **CMD**

15. Select the **ZONE TYPE** and press **CMD**

16. At **NEXT ZN?**, select **NO**

17. Select **YES** when **WIRELESS?** displays

18. Enter the eight-digit **SERIAL #** and press **CMD**
   ‣ Enter the Type 08 serial number labeled 'Zones' found on the 1134 PCB or by connecting a keypad to the header on the 1134

19. Enter the **CONTACT** number being used
   ‣ Zone 1 is contact 1, zone 2 is contact 2, etc...

20. Enter the **SUPRVSN TIME** and press **CMD**

21. Using **CMD**, advance to **STOP** and press a top-row select key to save programming

22. Remove the keypad from the **PROG** header

GIVE IT A TRY

1. Create a system with 2 Areas:
   ‣ Area 1: Office
   ‣ Area 2: Warehouse

2. Create a new **SCHEDULE** with these parameters:
   ‣ Days: Friday | Hours: 15 minute window

3. Create two **PROFILES** with these parameters:
   ‣ Staff: Warehouse at Friday schedule | Admin: Full access at all times

4. Add a **USER CODE** with a proximity token for each of the two profiles:
   ‣ Staff
   ‣ Admin

5. Using the 734 Module named "Office Door" on Device 2, ensure it allows access to both areas

6. Enable **SCHEDULE OVERRIDE** for Device 2

7. Apply **SCHEDULE 2** to Device 2

8. Apply **SCHEDULE 2** to the Staff profile

9. Change **TIME & DATE** in the **USER MENU** to experiment with different schedule scenarios

QUESTIONS

What else would you like to learn about XR Series Access?

NOTES:

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