



# XR150/550 LAB GUIDE

Instructor-Led Training

## IDENTIFY PANEL COMPONENTS

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

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

## POWER UP THE CONTROL PANEL

1. Connect AC power to terminals 1 & 2
  - › Transformer type: 16.5VAC 50VA
2. Connect battery backup to terminals 3 & 4
3. 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
- › Set Lockout Code
- › Feature Upgrade

## ADJUST COMMUNICATION TYPE

1. Navigate to **COMMUNICATION** and press a top-row select area
2. Press a top-row select area to clear the default **ACCOUNT NUMBER**
3. Enter in an **ACCOUNT NUMBER**
4. Press **CMD** to navigate to **PATH**
5. Press **1** to program **PATH 1**
6. Press a top-row select area to display the **COMMUNICATION** types
7. Select **NET**
8. Press **CMD** to navigate to **RECEIVER IP**
9. Press a top-row select area and enter in the DMP Tech Support receiver IP Address
  - › 209.248.148.051 (Port 2001)
10. Press **CMD** to exit **COMMUNICATION**

## ADD A KEYPAD

1. Navigate to **DEVICE SETUP** and press a top-row select area
2. Enter a **DEVICE NUMBER** and press **CMD**
  - › The valid range for an XR150 panel is 1-8, XR550 is 1-16
3. Press a top-row select area and enter a **DEVICE NAME**
4. Press **CMD** to confirm the **DEVICE TYPE**
5. Press **CMD** to exit **DEVICE SETUP**

## ADJUST THE KEYPAD ADDRESS

### GRAPHIC TOUCHSCREEN KEYPAD

1. Select **OPTIONS** from the carousel
2. Select the **INSTALLER OPTIONS** icon
3. Enter **3577** (INST) and press **CMD**
4. Select **KEYPAD OPTIONS (KPT OPT)**
5. Press a top-row select area and enter a new keypad address
6. Press **CMD** to exit Keypad Options
7. Select **STOP** to save keypad programming

### THINLINE KEYPAD

1. Press and hold the **BACK ARROW** and **CMD** for 2 seconds
2. Enter **3577** (INST) and **CMD**
3. Select **KEYPAD OPTIONS (KPD OPT)**
4. Press a top-row select area or key to change the keypad address
5. Press **CMD** to exit **KEYPAD OPTIONS**
6. Select **STOP** to save keypad programming

## CONFIGURE SYSTEM OPTIONS

1. Navigate to **SYSTEM OPTIONS** and press a top-row select area
2. Press **CMD** to navigate to **ENTRY DELAY 1**
3. Press a top-row select area and choose a time from 30 to 250 seconds
4. Repeat this process for **ENTRY DELAY 2**
5. Press **CMD** to navigate to **HOURS FROM GMT**
6. Press a top-row select area, enter in the hours from GMT for your location and press **CMD**
7. Using **CMD**, navigate to **HOUSE CODE**
8. Press a top-row select area and enter a house code from 1-50 and press **CMD**
9. Using **CMD**, navigate to **ENTER WEATHER ZIP CODE**
10. Press a top-row select area and enter a local ZIP code to display weather alerts on the keypad

## ADD AN AREA

1. Navigate to **AREA INFORMATION** and press a top-row select area
2. Enter an **AREA NUMBER** and press **CMD**
3. Press **CMD** until **EXIT DELAY** displays
4. Press a top row select key or area and enter a time between 45 and 250 seconds
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

## ADD A WIRELESS ZONE

1. Navigate to **ZONE INFORMATION** and press a top-row select area
2. Enter a **ZONE NUMBER** and press **CMD**
3. Press a top-row select area and enter a **ZONE NAME**
4. Press a top-row select area and select a **ZONE TYPE**
5. Press top-row select area to display the list of available areas and select the appropriate area
6. At the **NEXT ZONE?** prompt, select **NO** to program a wireless zone
7. At the **WIRELESS?** prompt, select **YES** and press **CMD**
8. Enter a **SERIAL NUMBER** and press **CMD** to navigate to the **NEXT ZONE?** Prompt

## ADD A WIRED ZONE

1. Add **ZONE 1** as a hard-wired zone in the **ZONE INFORMATION** menu
  - › EOL resistor value is defaulted to 1k, but you can change the value up to 2.2k for taking over an existing panel in System Options.

## STANDARD WALK TEST

1. At the keypad, enter **8144** (WALK) to enter the **WALK TEST** menu
2. Select **STD** to begin the standard walk test
3. Trip wired and wireless zones to complete the standard walk test

## WIRELESS CHECK-IN TEST

1. At the keypad, enter **8144** (WALK)
2. Select **WLS** to begin the wireless check-in test

## PIR WALK TEST

1. At the keypad, enter **8144** (WALK)
2. Select **PIR** to begin the PIR walk test

## DIAGNOSTIC MENU

1. At the keypad, enter **2313** (DIAG) to enter the **DIAGNOSTIC MENU**

2. Press **CMD** until the keypad displays **COMM STATUS** and press a top row select area
3. Press **1** to test **COMMUNICATION PATH 1**
4. When the signal strength is displayed, select **YES** to continue the test
  - › Cellular Communication Only
5. Press **CMD** and select **STOP** to exit the **DIAGNOSTIC MENU**

## EDIT AREA NAMES

1. Press **CMD** to navigate to **AREA INFORMATION**
2. Press a top-row select area to enter **AREA INFORMATION**
3. Enter an **AREA NUMBER** and press **CMD**
4. Press **CMD** until **EXIT DELAY** displays
5. Press a top row select key or area and enter a time between 45 and 250 seconds
6. Press a top-row select area to clear any text and enter in a new area name
7. Exit **AREA INFORMATION** and navigate to **STOP** to save changes
8. Arm, disarm and trip an alarm in Area system type

## ARM & DISARM

1. Arm the system, trip an alarm and disarm

## CHANGE THE SYSTEM TYPE TO A/P

1. Enter the panel programmer by entering **6653** (PROG) at the keypad
2. Navigate to **SYSTEM OPTIONS** and press a top-row select area
3. Press a top-row select area to display the list of system types
4. Select **A/P** as the system type
5. Exit **SYSTEM OPTIONS** and navigate to **STOP** to save changes
6. Arm, disarm and trip an alarm in A/P system type

## CHANGE THE SYSTEM TYPE TO H/S/A

1. Enter the panel programmer by entering **6653** (PROG) at the keypad
2. Navigate to **SYSTEM OPTIONS** and press a top-row select area
3. Press a top-row select area to display the list of system types
4. Select **H/S/A** as the system type
5. Exit **SYSTEM OPTIONS** and navigate to **STOP** to save changes
6. Arm, disarm and trip an alarm in H/S/A 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 name the schedule **ACCESS**
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 another schedule named **LIGHTS**

## 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 name the profile **ACCESS**
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 named **MANAGEMENT** using Profile 12
  - › The instructor will provide settings for this profile

## ADD A USER CODE WITH PIN

14. Enter the **USER MENU** and navigate to the **USER CODES?** prompt
15. Press a top-row select area to add a **USER CODE**
16. Select **ADD**
17. Select the **USER NUMBER** and press **CMD**
  - › The fourth top row select area will display the lowest available user number

18. Enter in a 5-digit user code and press **CMD**
19. Press a top-row select area to add a **USER NAME** and press **CMD**
20. Press a top row select area enter **12** to assign **PROFILE 12** to this user
  - › **LIST** will display the profile names
21. 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

## PROGRAM AN ANNUNCIATOR OUTPUT

1. Remove all power from the panel
2. Connect a 4-wire harness to the **OUTPUTS** header on the panel
3. Connect the **POSITIVE** leg of the LED to the **RED** terminal on the panel
4. Connect the other leg of the LED to **OUTPUT 3** on the panel
5. Power the panel back up
6. Enter the Programmer by entering **6653** (PROG) at the keypad
7. Navigate to **AREA INFORMATION** and press a top-row select area
8. Navigate to settings for **AREA 1**
9. Navigate to **ARMED OUTPUT** and press a select area to clear the current setting
10. Set the output to **3**
11. Navigate to **STOP** to save changes and exit the Programmer
12. Arm **AREA 1** to confirm the output is working

## PROGRAM A RELAY

1. Remove all power from the panel
2. Plug a **MODEL 305** relay into the socket for **OUTPUT 1**
  - › Make sure the relay is oriented correctly
3. Connect the **MODEL 431** harness to the header between the output sockets

