EPIC SAFETY

aero-k

Wi-Fi/Ethernet Alarm System Communicator

Napco Alarm Panels

Installation Guide

V1.6

Firmware V1.0

Contents

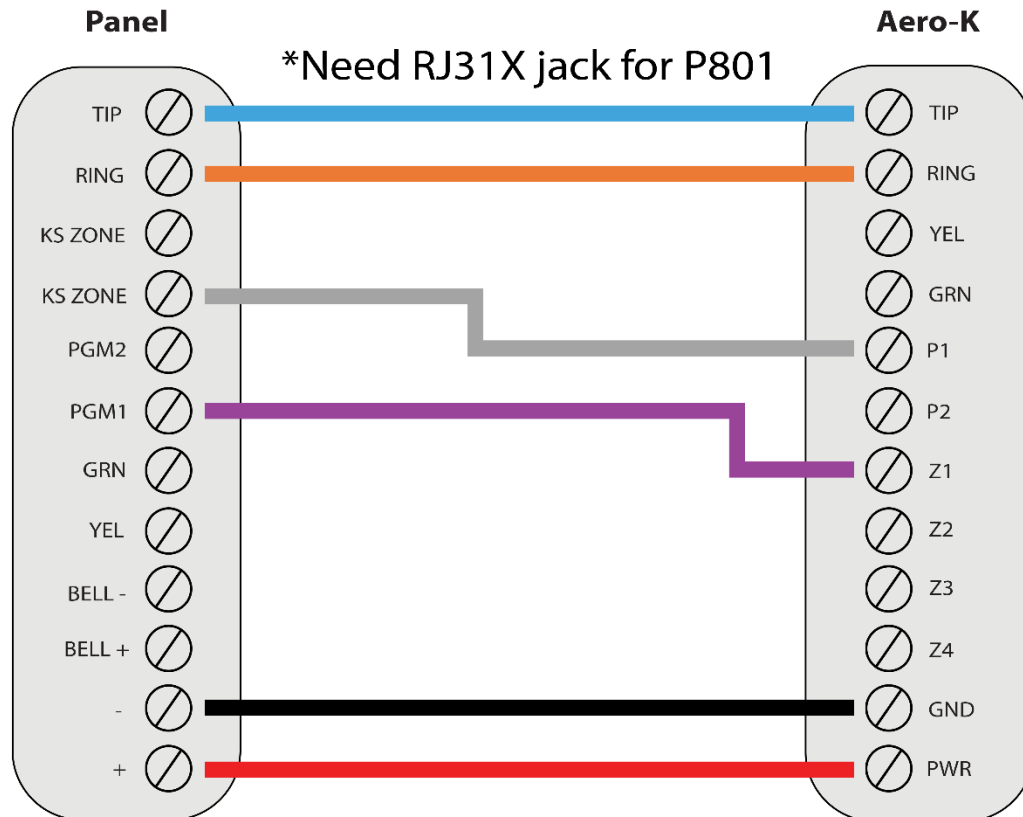# 1. Dial Capture (Tip/Ring) Monitoring & Keyswitch

For Napco Alarm panels that support CID (Point ID) or SIA format, use Tip/Ring and keyswitch to monitor and control your system remotely.

After installation, for proper partition mapping onto Aryo cloud and keyswitch arming, follow the instructions below:

- *Partition mapping*: Operate on the alarm panel and send signals from <u>each</u> partition. Then, wait for the corresponding event on Aryo cloud, before initiating the next signal.

- *Keyswitch arming*: Enable keyswitch arming for the intended partitions via Aryo cloud settings. Arm/disarm <u>each</u> partition (if applicable) from the user app. Then, wait for confirmation events on Aryo cloud before initiating subsequent actions.

a. Wiring Diagram

i. P801, XP400/600

Panel   **Aero-K**

*Need RJ31X jack for P801

Panel		Aero-K
TIP		TIP
RING		RING
KS ZONE		YEL
KS ZONE		GRN
PGM2		P1
PGM1		P2
GRN		Z1
YEL		Z2
BELL -		Z3
BELL +		Z4
-		GND
+		PWR

*Colours are for demonstration purposes only

ii.   P816/1632/1664/3200/9600, X255

Panel   **Aero-K**

Depending on the panel model, the armed status connection may differ. Refer to the corresponding panel manuals for details.

Lug E15

Colours are for demonstration purposes only
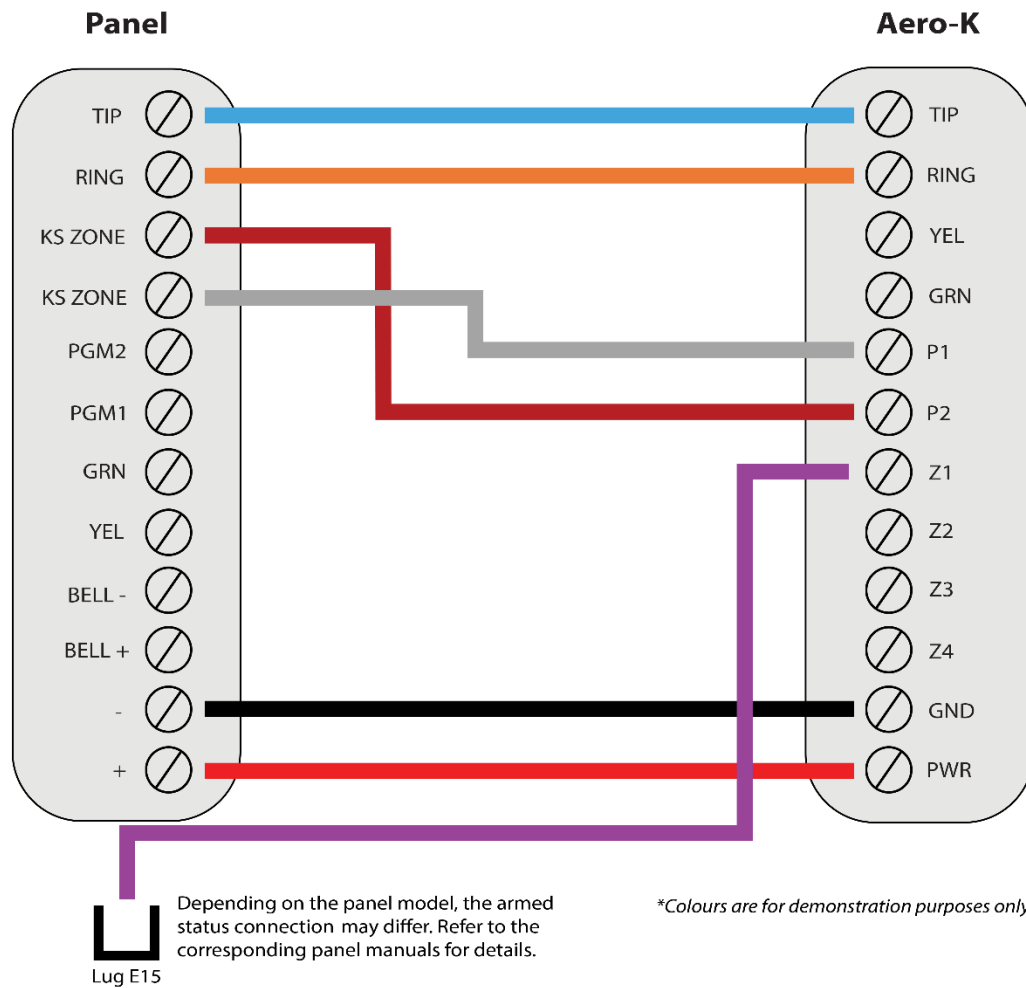
b. Programming Instructions

To monitor Napco panels with dial capture, program your system as described below. Instructions in *italics* are for optional remote arming with keyswitch. PGMs on Aero-K can be connected to any zone programmed as keyswitch for remote arming functionality.

i.   P801, XP400/600

Section	Description
Direct Address Programming Mode	While on the main menu, press "Menu" for P801 or "*" for XP400/600. Then, hit number 8 button. Before entering any section, press "Reset" button for P801 or "#" for XP400/600.
[30]	Enter an account number.
[31]	Enter any phone number.

[32]	Set the receiver format to 6 for CID (Point ID).
[34]-[36]	Turn each option on to enable alarm/restore reporting for all zones and keypad alarms.
[37]-[38]	Turn option 4 on to enable alarm/restore reporting for fire alarms.
[39]	Turn each option on to enable open/close reporting for all users.
[60]-[66]	Set appropriate CID (Point ID) codes.
[25]	*Turn option 4 on for system armed status monitoring. Turn all other options off.*
[26]	*Turn option 1 on to enable momentary keyswitch.*
[27]	*Turn option 1 on to switch to Normally Open keyswitch (P801).*

ii. P816/P1632/P1664

Section	Description
Direct Address Programming Mode	Enter the Installer code and press "Menu" button. Press "Away" button to scroll down until "ACTIVATE PROGRAM Y/N" is displayed. Press "Stay" for yes to enter Easy Menu. Then, press "Reset" button to enter Direct Address mode.
0460	Enter C for CID (Point ID) or B for SIA format on the right digit.
0462-0481	Enter any phone number (each digit in one section).
0560-0563 & 0576-0579	Enter partition 1 account number for open/close reports and other events(each digit in one section).
0564-0567 & 0580-0583	Enter partition 2 account number for open/close reports and other events(each digit in one section).
0592-0595 & 0628-0631	Enter a system account number for open/close reports and other events(each digit in one section).
0670-0689 &0698- 0705	Enter the reporting codes for events.
0800-0835	Enable open/close reporting for all users (if applicable).
0925-0926	Enable alarm/restore reporting for all zones.
1423	Ensure that option 6 is off to diable TLM.
0905/0969	*Set a zone to keyswitch arm for partition 1 (set another for partition 2).*
2052	*For E15 lug options, ensure that all options are disabled.*

iii. P3200/9600, X255

Section	Description
Direct Address Programming Mode	Enter the installer code, and press "Instant" button to scroll down until "ACTIVATE PROGRAM Y/N" is displayed. Press "Interior" to enter into the Dealer programming mode. Then, press "Reset" to enter to Direct Access mode.
0525	Enter C for CID (Point ID) or B for SIA format on the right digit.
0527-0546	Enter any phone number (each digit in one section).
0650-0653 & 0682-0685	Enter partition 1 account number for open/close reports and other events(each digit in one section).
0654-0657 & 0686-0689	Enter partition 2 account number for open/close reports and other events(each digit in one section).
0714-0717	Enter an account number (each digit in one section).
0860-904	Enter the reporting codes for events.
0910-1005	Enter appropriate reporting codes for all zones (if applicable).
1030-1081	Enable open/close reporting for all users (if applicable).
1206/1306	Set a zone to keyswitch arm for partition 1 (set another for partition 2).