



surf-k & surf-km

LTE Primary Alarm Communicators

Napco Alarm Panels Installation Guide

V1.6

Firmware V1.0

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

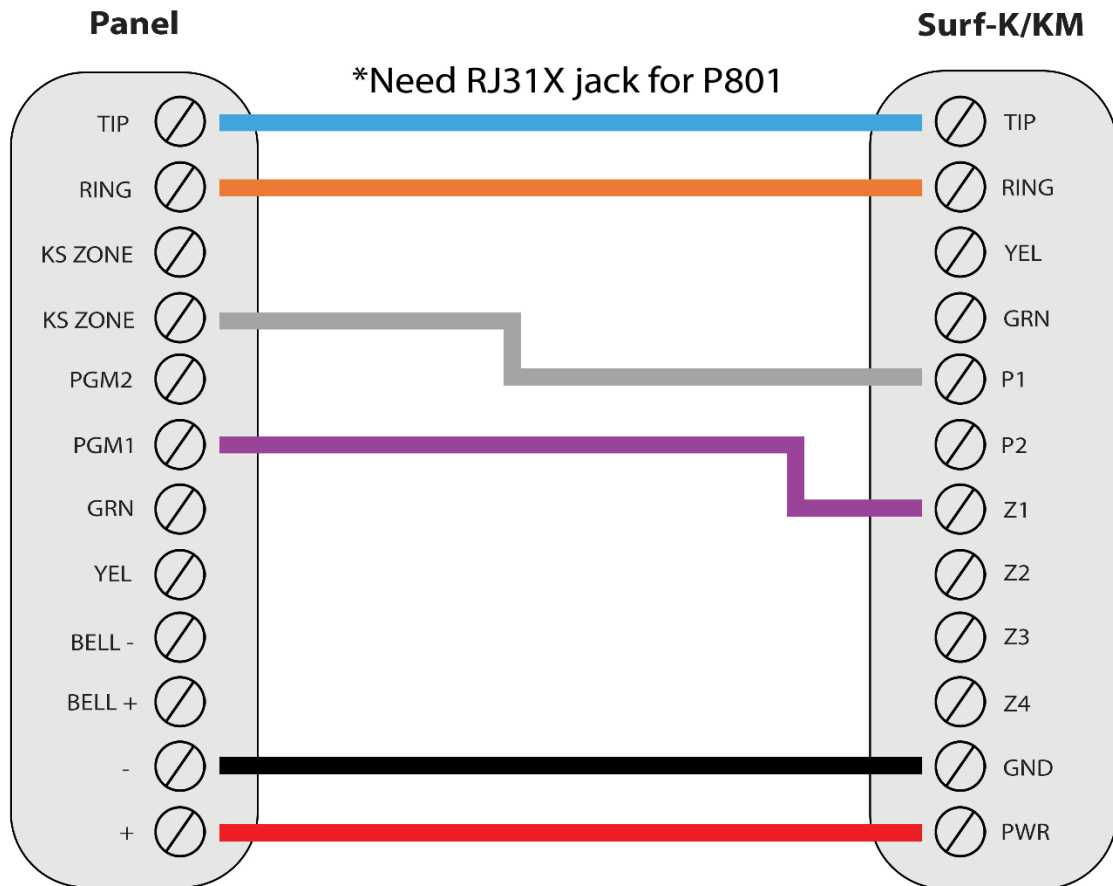
For Napco Alarm panels that support CID (Point ID) or SIA format, use Tip/Ring and keyswitch to monitor and control your system remotely.

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 each 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 each partition (if applicable) from the user app. Then, wait for confirmation events on Aryo cloud before initiating subsequent actions.

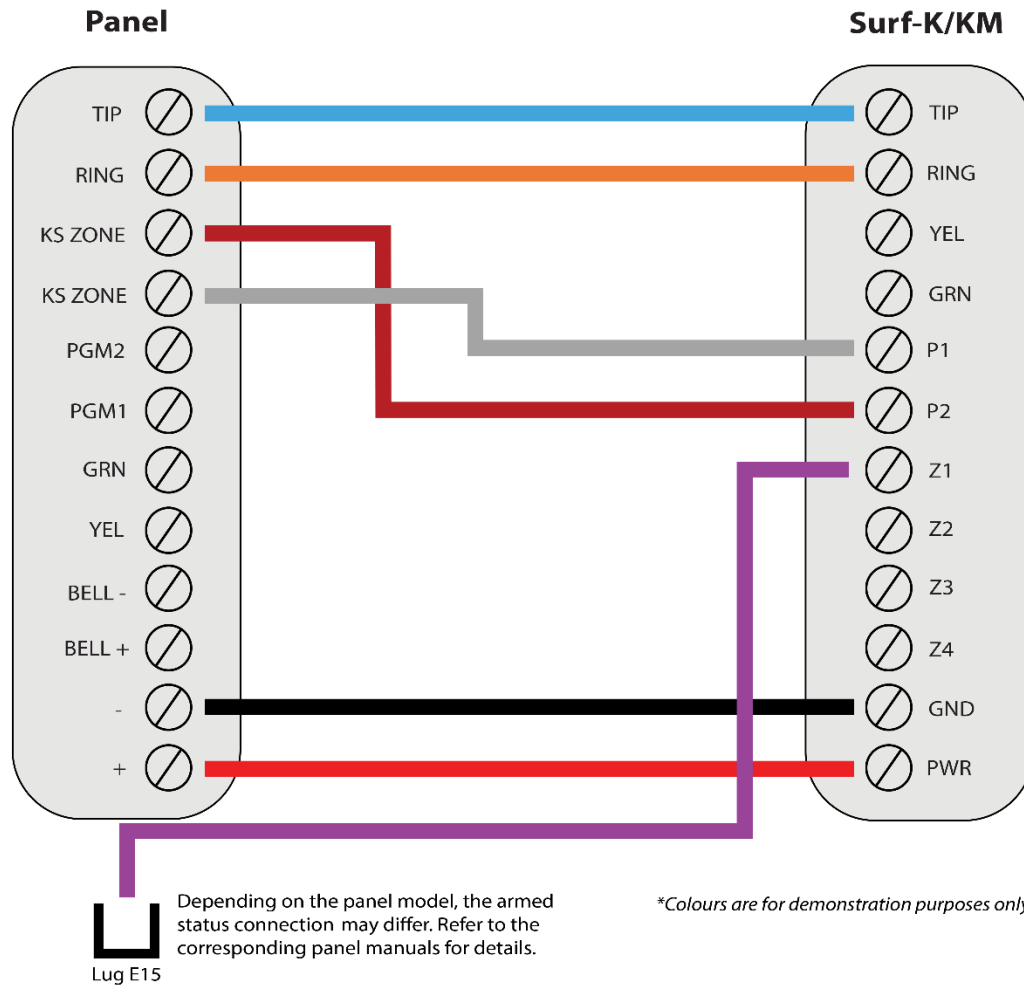
a. Wiring Diagram

i. P801, XP400/600



**Colours are for demonstration purposes only*

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



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 Surf-K/KM 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]	<i>Turn option 4 on for system armed status monitoring. Turn all other options off.</i>
[26]	<i>Turn option 1 on to enable momentary keyswitch.</i>
[27]	<i>Turn option 1 on to switch to Normally Open keyswitch (P801).</i>

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	<i>Set a zone to keyswitch arm for partition 1 (set another for partition 2).</i>
2052	<i>For E15 lug options, ensure that all options are disabled.</i>

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	<i>Set a zone to keyswitch arm for partition 1 (set another for partition 2).</i>