

Advantage Lithium Operation

Adv Li Startup Process

When the AdvantageLi panel is initially powered up or if batteries have been replaced, the panel enters a start-up mode which may consist of several minutes depending on the state of internal capacitor charge and battery age and condition.

Startup consists of a sequence of internal processes. The particular step in the startup process is indicated by the front panel LEDs as follows:

1. Green LED ON for approximately 5 seconds – Begin boot loader mode
2. All LEDs flash 2x – End of boot loader mode
3. All LEDs flash simultaneously – Battery conditioning mode
4. Note – the battery conditioning mode may extend for several minutes as the batteries are prepared for operation
5. Green LED flashes quickly - Actuation capacitor bank is precharging
6. All LEDs flash 3x – End of capacitor charge mode
7. Slow green LED flashes 1x every 5 seconds – Normal operation

Illustrations



LED Indications

- Visual LED indications are visible through a window on the hinged front cover. LED indications are visible for:
- System Normal (green)
 - Fire Alarm Detection Zone 1 (red)
 - Fire Alarm Detection Zone 2 (red)
 - Manual Release Fire Alarm (red)
 - Trouble Condition Service System LED (yellow)
 - Battery Fault LED (yellow)
 - Alarm Silence LED (yellow)

A key lock position is provided to prevent access and tampering to internal components by unauthorized individuals. Upon opening the front cover, the Alarm Silence, System Reset, Push-to-Test push buttons, and System Disable toggle switches may be accessed.

The Alarm Silence push button only active when the audible alarm is ON. The audible alarm cannot be pre-silenced.

The System Reset push button will clear all latched alarms and latched relay outputs once the circuit causing the Alarm condition has been cleared and returned to Normal Operation.

The Push-to-Test button will illuminate all LEDs and sound the audible alarm, but will not transfer relays.

Adv Li Default Settings

When the AdvantageLi panel is initially powered up or if batteries have been replaced, the panel enters a start-up mode which may consist of several minutes depending on the state of internal capacitor charge and battery age and condition.

Advantage ^{Li} Default Configuration			
Detection Zone	Enabled?	Actuation Zone	Delay
Zone 1	Yes	1	0
Zone 2	Yes	2	0
Manual Release	Yes	Both	0
Auxiliary Input	No	N/A	N/A
Abort Switch	No	N/A	N/A
Relay 1	Yes	Any Alarm	0
Relay 2	Yes	Any Alarm	0
Relay 3	Yes	Any Alarm	0
FACP Trouble Relay	Yes	Any Trouble	5
FACP Fire Relay	Yes	Any Alarm	0