IQ KEYPAD USER GUIDE

Johnson Controls

IQ KEYPAD

IQ Keypad is a battery powered, capacitive touch keypad for use with compatible IQ4 NS, IQ4 Hub & IQ Panel 4 platforms via the PowerG protocol. It provides an easy and intuitive interface to control basic features of the system. This manual covers both IQ Keypad-PG and IQ Keypad Prox-PG models.

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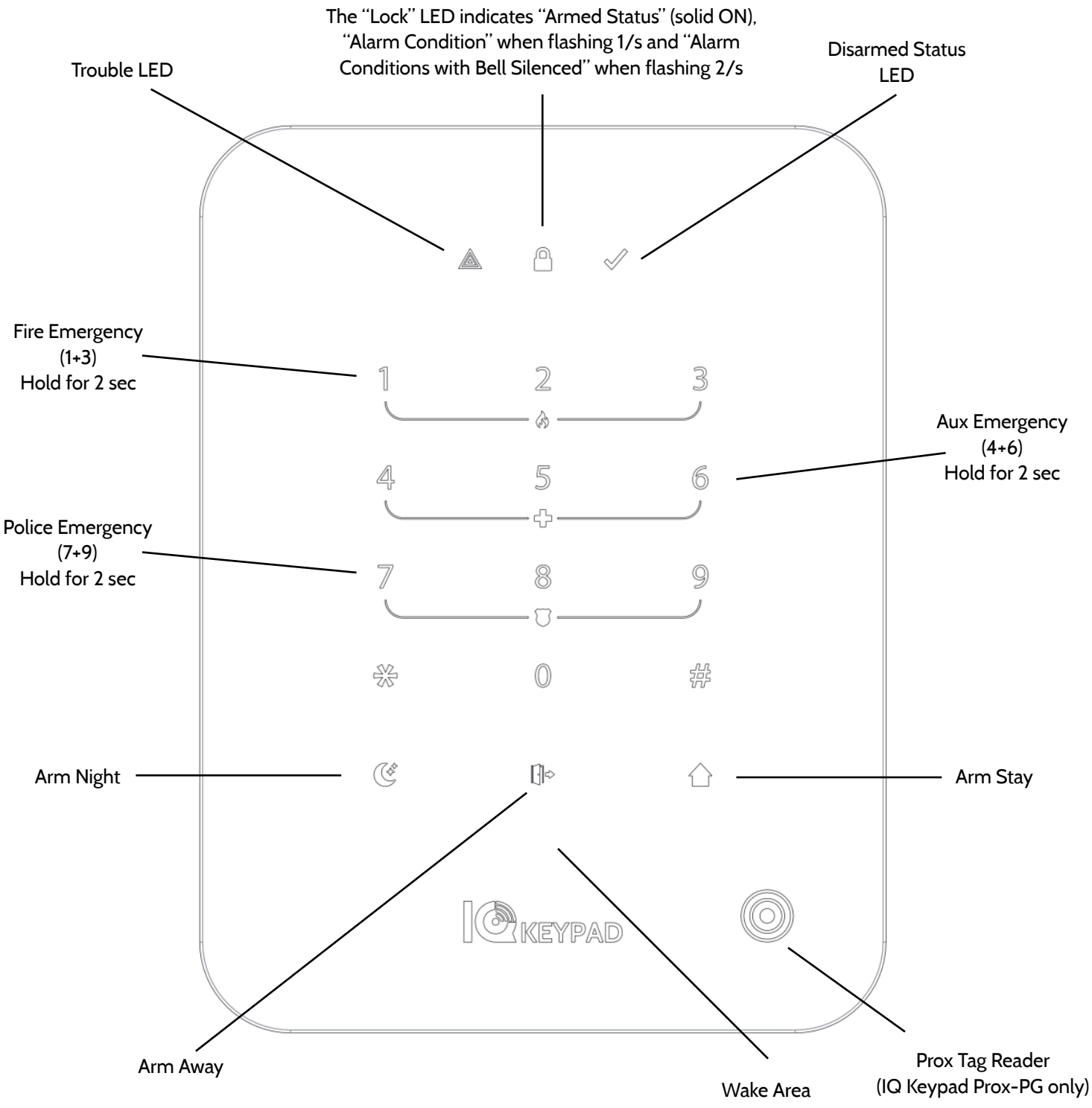
CE

USING YOUR SYSTEM: OVERVIEW



USING YOUR IQ KEYPAD

KEYPAD STATUS LIGHTS:
Status lights help you understand the state of the system at a glance.

Status Lights	LED	Description
	OFF	Not ready to Arm.
	ON	Ready to Arm.
	FLASHING	Ready to Arm, bypass-able zones are open.
	OFF	Disarmed
	ON	Armed
	FLASHING (1/s)	Alarm condition
	RAPID FLASHING (2/s)	Alarm condition with bell silenced for Fire Alarms
	OFF	No Trouble
	ON	System Trouble
	FLASHING	Keypad Low Battery

NOTE: If RF Jam Trouble or Loss of Communication is detected, all LED's will flash in the following sequence: ON for 0.5s, then OFF for 0.5s -repeating 3x in a row, 2 second break, then start over. The user shall always check the IQ Keypad to asses the status of the system.
The indications on the keypad are always active for the duration of the condition being present in the system, keypad can go to sleep mode to save battery life, wake up by pressing above IQ Keypad logo, the indications will be visible again to the end user.

ARMING KEYS:
Arming keys are the primary way of controlling the system from the IQ Keypad.

Key	Description
	Arm Stay
	Arm Away
	Arm Night

NOTE: If successful, the Armed Status LED will flash twice. If communication is not successful, the keypad flashes all keypad number LED's (backlight) 0.5 seconds ON/OFF twice. Press and hold any arming key for more than 2s for Silent Arm.

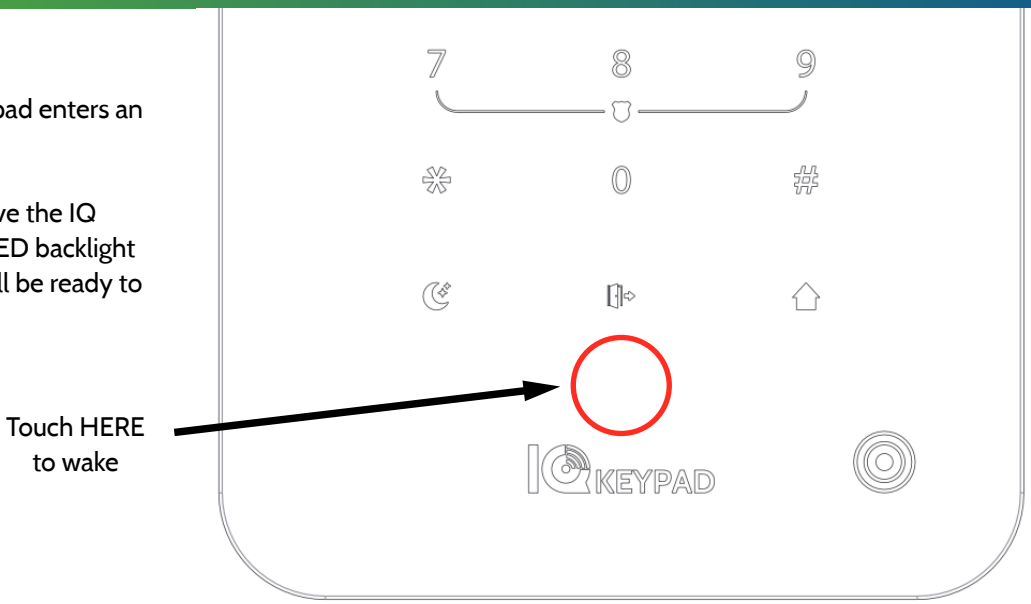
SECURE ARMING:
When Secure Arming is enabled on the primary panel, a valid 4 - 6 digit users code is required to Arm the system.

Key	Description
	Arm Stay + [Access Code] or [Prox Tag]
	Arm Away + [Access Code] or [Prox Tag]
	Arm Night + [Access Code] or [Prox Tag]

USING YOUR SYSTEM: BASICS

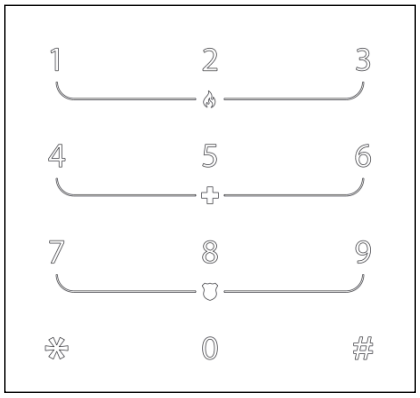
WAKING THE IQ KEYPAD
To conserve battery, the IQ Keypad enters an idle state when not in use.

To wake the IQ Keypad, tap above the IQ Keypad logo. The IQ Keypad's LED backlight will illuminate and the device will be ready to use.



DISARMING KEYS:
Disarming from the IQ Keypad is easy. Simply enter a valid 4 - 6 digit code into the keypad and the system will disarm.

NOTE: If successful, the Armed Status LED will flash twice. If communication is not successful, the keypad flashes all keypad number LED's (backlight) 0.5 seconds ON/ OFF twice.



PROX TAG SUPPORT:
For "IQ Keypad Prox-PG" models that support Prox Tags, you may Arm with a Prox Tag in place of a 4 - 6 digit code if Secure Arming is enabled and by pressing the Arming icon of choice, followed by presenting your tag in front of the bullseye icon on the lower right hand side of the keypad. If the system is armed, presenting a valid Prox Tag will disarm it.

EMERGENCY KEYS:
Emergency keys allow you to trigger an emergency panic directly from the IQ Keypad.

Key	Description
	Press and hold both the 1 & 3 keys simultaneously to generate a fire alarm.
	Press and hold both the 4 & 6 keys simultaneously to generate an auxiliary emergency alarm.
	Press and hold both the 7 & 9 keys simultaneously to generate a police panic alarm.

NOTE: Press and hold emergency keys for two seconds

USING YOUR SYSTEM: BASICS

Johnson Controls

STAR MENU:
The Star Menu on the IQ Keypad allows access to more advanced functionality such as silent arming, bypassing zones, turning on/off the chime, buzzer and more. See table below for a list of functions

Press	Action
[*][0]	Starts keypad cleaning mode and lasts for 30 seconds. Alarms, entry and exit delay will cancel screen cleaning
[*][1] + [Access Code]	Bypass all open Zones NOTE: feature no allowed to be used on UL/cUL installations
[*][2] + [Access Code]	Silences Troubles
[*][4] + [Access Code]	Toggle Chime On/Off
[*][6] + [Access Code]	Toggle Keypress Buzzer On/Off
[*][7] + [Output #] + [Access Code]	Toggle Command Output (for future use)
[*][8] + [Access Code]	Turn on Installer Programming Access (EN Grade 2 only)
[*][9] + [Access Code]	Arm System with No Entry Delay

NOTE: All * menus will follow secure arming option whether an access code is needed or not

PARTITION ARMING:
The Hash Menu on the IQ Keypad allows access to Partition Arming functionality. It may also act as a "Home" button to back out of any button press activity and start over. See table below for a list of functions.

Press	Action
[#][1] + [Arm Stay] + [Access Code] or [Prox]	Arm Partition 1 to Stay
[#][2] + [Arm Stay] + [Access Code] or [Prox]	Arm Partition 2 to Stay
[#][3] + [Arm Stay] + [Access Code] or [Prox]	Arm Partition 3 to Stay
[#][4] + [Arm Stay] + [Access Code] or [Prox]	Arm Partition 4 to Stay
[#][1] + [Access Code] or [Prox]	Disarm Partition 1
Hold [#] for 2 Seconds	Erases any current button presses

NOTE: When a Fire Alarm occurs (Temporal three pattern), the Bell sounding can be silenced by entering the valid user code. The "LOCK" indicator will start flashing rapidly (2/s) indicating that a fire alarm condition with bell silenced exists in the system. The Fire alarm will be reset only when the fire initiating device has been restored.

The same functionality will also be for Carbon Monoxide alarms (Temporal four pattern).

For Fire Alarms and CO Alarm always follow the evacuation plan as suggested in your alarm system manual.

When a Burglary Alarm occurs (continuous pattern), the alarm can be reset by entering a valid user code.

Note: For UL certified Commercial Burglary Central Station applications the IQ Keypad provides an acknowledgment signal to the user interface to confirm that normal closing signal has been received once the system has been armed. The device causes an audible indication (eight short beeps) when it receives the acknowledgment signal transmitted from the monitoring station compatible receiver.

FCC COMPLIANCE STATEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. this device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation. Please note that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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RF EXPOSURE STATMENT

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, this equipment should be installed and operated with minimum distance 20 cm (7.9 inches) between the antenna and your body during normal operation. Users must follow the specific operating instructions for satisfying RF exposure compliance.

ISED CANADA NON-INTERFERENCE DISCLAIMER

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

This device complies with the Canadian ICES-003 Class B specifications. CAN ICES-003(B) / NMB-003 (B).

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempt de licence. L'exploitation est autorisée aux deux conditions suivantes :

1. L'appareil ne doit pas produire de brouillage;
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Cet appareil numérique de la Canadian ICES-003. Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

ISED CANADA RF EXPOSURE STATMENT

This equipment complies with ISED RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator and any part of your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Cet équipement est conforme aux limites d'exposition aux radiations ISED CNR-102 établies pour un environnement non contrôlé. Une distance de séparation d'au moins 20 cm doivent être maintenue entre l'antenne de cet appareil et toutes les personnes. Lanceurs ou ne peuvent pas coexister cette antenne ou capteurs avec d'autres.

CE & EN COMPLIANCE STATEMENT

Hereby, Qolsys Inc declares that the radio equipment type is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address:
IQ Keypad - PG: http://dsc.com/2405002
IQ Keypad Prox - PG: http://dsc.com/2405001

Frequency band and Maximum Power
433,22 MHz - 434,62 MHz: 10mW
869.0 MHz - 868.6 MHz: 17.2mW
868,7 MHz - 869,2 MHz: 17.2mW
119 KHz - 135 KHz: 2.61dbµA/m @ 3 m

European single point of contact: Tyco Safety Products, Voltaweg 20, 6101XK Echt, Netherlands.
This installation sheet applies to models IQ Keypad - PG and IQ Keypad Prox - PG.
The Model IQ Keypad - PG and IQ Keypad Prox - PG keypads have been certified by Kiwa Nederland BV according to EN50131-1:2006+ A1:2009 + A2:2017+A3:2020, EN50131-3:2009 for Grade 2, Class II.

Caution: Do not dispose of the waste battery as unsorted municipal waste. Consult your local rules and/or laws regarding recycling of this battery.