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Johnson Controls Prox-PG IQ Keypad User Guide

Prox-PG IQ Keypad

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Product Information

The IQ Keypad is a battery-powered, capacitive touch keypad designed for use with compatible IQ4 NS, IQ4 Hub, and IQ Panel 4 platforms. It utilizes the PowerG protocol for communication. This user guide covers both the IQ Keypad Prox-PG and IQ Keypad-PG models.

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Using Your System: Overview

- Trouble LED
- Armed Status LED
- Disarmed Status LED
- Fire Emergency (1+3) – Hold for 2 seconds
- Police Emergency (7+9) – Hold for 2 seconds
- Aux Emergency (4+6) – Hold for 2 seconds
- Arm Night
- Prox Tag Reader (IQ Keypad Prox-PG only)

Using Your System: Basics

Using Your IQ Keypad

The keypad status lights provide information about the system's state:

Status Lights LED	Description
OFF	Not ready to Arm
ON	Ready to Arm
FLASHING ON/OFF	Ready to Arm, bypass-able zones are open
FLASHES TWICE	Disarmed
FLASHING RAPIDLY	Armed
OFF	Message sent successfully
ON	Alarm occurred
FLASHING	Bell silenced for Fire Alarms
OFF	No Trouble
ON	System Trouble
FLASHING	Keypad Low Battery

Arming Keys

The arming keys on the IQ Keypad are used to control the system:

Key	Description
Arm Stay	
Arm Away	
Arm Night	

Note: Press and hold arming keys for two seconds. If successful, the Armed Status LED will flash twice. If communication is not successful, the keypad flashes all keypad number LEDs (backlight) 0.5 seconds ON/OFF twice.

If access code is required to arm (panel setting), an access code must be entered after the sequence. Example: * > arm away > access code = silent away arm

Prox Tag Support

For IQ Keypad Prox-PG models that support Prox Tags, simply present your tag in front of the bullseye icon on the lower right-hand side of the keypad. The icon will light up to indicate that the tag has been successfully read.

Emergency Keys

Emergency keys on the IQ Keypad allow you to trigger various emergency alarms:

Key	Description
1+3	Fire alarm
4+6	Auxiliary emergency alarm
7+9	Police panic alarm

Note: Press and hold emergency keys for two seconds.

Star Menu

The Star Menu on the IQ Keypad provides access to advanced functionality:

Press	Action
[*] + [Arm/Disarm Button]	Silent Arm/Disarm
[*][1] + [Access Code]	Bypass all open Zones
[*][4] + [Access Code]	Toggle Chime On/Off
[*][6] + [Access Code]	Toggle Keypress Buzzer On/Off
[*][7] + [Output #] + [Access Code]	Toggle Command Output
[*][8] + [Access Code]	

View Fullscreen

IQ KEYPAD USER GUIDE
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 Prox-PG and IQ Keypad-PG models.
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USING YOUR SYSTEM: OVERVIEW

Trouble LED

Armed Status LED

Disarmed Status LED

Fire Emergency (1+3)
Hold for 2 sec
Police Emergency (7+9)
Hold for 2 sec
Arm Night

Aux Emergency (4+6)
Hold for 2 sec
Arm Stay

Arm Away

Prox Tag Reader (IQ Keypad Prox-PG
only)

USING YOUR SYSTEM: BASICS

USING YOUR IQ KEYPAD

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

Status Lights

LED
OFF ON FLASHING OFF ON FLASHES TWICE FLASHING RAPID FLASHING OFF ON FLASHING

Description
Not ready to Arm. Ready to Arm. Ready to Arm, bypass-able zones are open. Disarmed Armed Message sent
successfully Alarm occurred Bell silenced for Fire Alarms No Trouble System Trouble Keypad Low Battery

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: Press and hold arming keys for two seconds. 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.
Access code required for arming is off by default. If this is enabled in the panel (Secure Arming option), pressing
each arm button shall be followed by a correct access code otherwise the system will not arm.
Pressing * followed by Arm Away shall do a silent away arm Pressing * followed by Arm Stay shall do a silent stay
arm Pressing * followed by Arm Night shall do a silent night arm
If access code is required to arm (panel setting) an access code must be entered after the sequence. Example * >
arm away > access code = silent away arm

PROX TAG SUPPORT: For "IQ Keypad Prox-PG" models that support Prox Tags, simply present your tag in front
of the bullseye icon on the lower right hand side of the keypad and it will light up indicating the the tag has been
read
successfully.

USING YOUR SYSTEM: BASICS

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

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

[*] + [Arm/Disarm Button]

Silent Arm/Disarm

[*][1] + [Access Code]

Bypass all open Zones

[*][4] + [Access Code]

Toggle Chime On/Off

[*][6] + [Access Code]

Toggle Keypress Buzzer On/Off

[*][7] + [Output #] + [Access Code]

Toggle Command Output

[*][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 [#][1] + [Arm Stay] + [Access Code] [#][2] + [Arm Stay] + [Access Code] [#][3] + [Arm Stay] + [Access Code] [#][4] + [Arm Stay] + [Access Code] [#][1] + [Access Code] Hold [#] for 2 Seconds

Action Arm Partition 1 to Stay Arm Partition 2 to Stay Arm Partition 3 to Stay Arm Partition 4 to Stay Disarm Partition 1 Cancels any current IQ Keypad activity or button presses

LEGAL
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. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
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.

LEGAL
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.

Documents / Resources

Johnson Controls Prox-PG IQ Keypad [pdf] User Guide
QS-IQKP, 2AAJXQS-IQKP, 2AAJXQSIQKP, Prox-PG IQ Keypad, Prox-PG, IQ Keypad, Keypad