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The **RE662 Keypad** is a simple, intuitive interface for arming and disarming the security system utilizing BUS communications.

Features

- Provides local control of security
- Intuitive 1 button arming
- 4-10 digit disarming
- Flat Wall mount design
- BUS connected
- 1 Hardwired Zone



Installation Overview

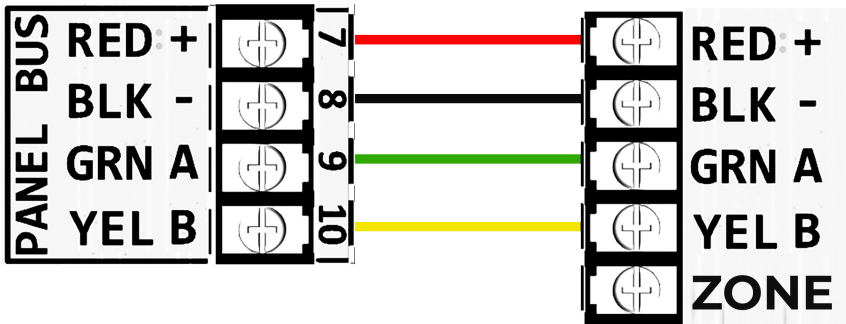
1. **Choose a mounting location.** Ensure the location has access to the BUS connection
2. **Remove the back cover** by prying open one of the tab slots on the bottom of the Keypad.
3. **Mount the back cover** to the wall.
4. **Wire the keypad** to the panel BUS and snap the Keypad onto the back cover mounted to the wall.

Before you begin:

1. Verify BUS terminal wiring is correct
 2. BUS wires are fully seated and securely tightened
 3. Ensure the panel/hub is powered.
5. **Put the panel into enroll mode** by pressing the enroll button for 2-3 seconds. When the panel enters enroll mode, it will beep. Allow the panel to stay in enroll mode for 10 seconds to enable all connected bus devices. Then press the enroll button again to exit enroll mode.
 6. **Test the Keypad** by arming and disarming the panel from the Keypad.

Wiring the Keypad

Keypad BUS wiring follows the same wiring as the panel.



The Keypad can support one hardwired zone. Wire the zone to the ZONE and BLK - terminals. See panel manual for wiring examples and enrollment processes.

User Guide

• **Arming icons**

- Lock - Arm Away
- Unlock - Disarm
- House - Arm Stay

• **Arming modifiers**

- Press "X" to activate Silent Arm
- Press "√" to activate Instant Arm (no entry delay)
- House - Arm Stay

• **Panic Buttons**

- Hold 1&3 for 3s - Fire Panic
- Hold 4&6 for 3s - Auxiliary Panic
- Hold 7&9 for 3s - Burglary Panic

• **Arming LEDs**

- **Arm Away (Lock Icon Button)**
 - *Red Solid: Armed Away*
 - *Red Fading in and out: Armed Away entry/exit delay*
- **Disarm (Unlock Icon Button)**
 - *Green Solid: Disarmed and ready to arm*
 - *Green Fading in and out: Disarmed and not ready to arm*
- **Arm Stay/Night (Home Icon Button)**
 - *Orange Solid: Armed Stay*
 - *Orange Fading in and out: Armed Stay/Night entry/exit delay*

• **Status**

- AC Status LED at bottom of Keypad
 - On: Panel AC present
 - Off: Panel AC missing
- Troubles - shows all system troubles
 - If a system trouble condition exists, the panel will sound trouble beeps
 - To silence the trouble beeps for 24-hours:
 - With system disarmed enter code again to silence
 - Smoke Reset
 - With fire alarm canceled enter code again to reset smoke
 - **Note:** This is supported for Napco panels. To reset smokes on all other panel types navigate to Settings -> Panel -> Reset Sensors.
- Status Updates - shows all status updates

• **Setting Volume and Brightness**

- Hold "X" and press a digit 1-9 to set brightness
 - 1 is dimmest, 9 is brightest
- Hold "√" "X" and press a digit 0-9 to set volume
 - 0 is off, 9 is loudest

• **Zone Status**

- The Bus keypad will only show a specific Zone trouble for 9 Zones. To view more zones, refer to the Touchpad or Mobile APP to see a specific zone trouble.
- User can press the "X" icon button for 5 seconds and release to see if there are any zone specific trouble for Zones 1-9.
- Zone in trouble
 - Number Pad LEDs: White LED active only when "X" Icon button is pressed and held for 5 seconds, Fading in and out. Buttons 1-9 will show the zone status of zones 1-9. Button 0 indicates that a zone 10 or higher is experience a trouble condition. To identify the specific zone is in trouble, refer to the Touchpad or Mobile APP.
- Zone Normal
 - Number Pad LEDs: Off. Buttons 1-9 will shows the zone status of the zones 1-9.

LEDs Indication	
Arming Button and Number Pad LEDs	Button Display
Arm Away (Lock Icon Button)	Arm Away Red LED, Solid On
Entry Delay, Exit delay on Away mode	Red LED, Fading in and out
Arm Stay (Home Icon Button)	Arm Stay Orange LED, Solid On
Entry Delay, Exit delay on Stay mode	Orange LED, Fading in and out
Disarm (Unlock Icon Button)	Green LED, Solid on. Disarm or ready to arm
Disarmed and not ready to arm	Green LED, Fading in and out on
Alarm Status	Red (Lock Icon Button) and Orange (Home Icon Button) LED blinking rapidly
Zone in Trouble	White LED, Fading in and out. Buttons 1-9 will shows the zone status of the zones 1-9. Button 0 indicates zone 10 and above.
Zone Open	White LED, Solid on. Buttons 1-9 will show open status for zones 1-9. Button 0 indicates zone 10 and above.
Zone Normal	Off. Buttons 1-9 will shows the zone status of the zones 1-9. Button 0 indicates zone 10 and above.
System or Zone trouble	Yellow LED: Solid On (X Button Icon)
Battery Troubles (Security Panel Low Battery, Security Panel Battery disconnected, Security Panel Battery Require Service)	Yellow LED: Fading in and out (X Button Icon)
AC Power LED	
AC Powered from Security Panel	Green LED, Solid On
Backup Battery Powered from Security Panel	Off
AC Power Removed	Off

Notes:

Product is meant to be installed by a trained installer

Product is intended to be installed within the protected area

Test and maintain the Keypad by arming and disarming the panel to ensure expected functionality.

Product should be installed in accordance with Chapter 2 of "ANSI/NFPA 72: National Fire Alarm and Signaling Code" (National Fire Protection Association, Batterymarch Park, Quincy, MA 02169)

Wiring methods that shall be in accordance with CSA C22.1, Canadian Electrical Code, Part I, Safety Standard for Electrical Installations; CAN/ULC S302, Standard for the Installation, Inspection and Testing of Intrusion Alarm Systems; and CAN/ULC S301, Standard for Signal Receiving Centre Intrusion Alarm Systems and Operations.

Specifications

Physical Specifications	
Wall Dimensions	6.15in[15.6cm] x 3.80in[9.7cm] x 0.5in[1.3cm]
Weight	4.25oz[121g]
Mounting Fasteners	
Environmental Specifications	
Operating Temperature	32°F to 120°F (0°C to 49°C)
Maximum Humidity	85% non-condensing relative humidity
Device Specifications	
Power	BUS power
Input Voltage	6VDC to 13.5VDC
Input Current (Standby)	37mA
Input Current (Alarm/Max)	125mA
Terminal Block Wire Gauge	16-24 AWG
Certifications	
RE662	UL1023, UL985, UL2610, ULC S304, ULC S545

Specifications subject to change without notice.

IC NOTICE

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

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

Le présent appareil est conforme aux cnr d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) L'appareil ne doit pas produire de brouillage, et
- (2) L'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

TRADEMARKS

Alula and BAT-Connect are trademarks owned by Alula Holdings, LLC. Android is a trademark of Google LLC. Z-Wave is a registered trademark of Silicon Labs. Wi-Fi is a trademark of the Wi-Fi Alliance.

FCC WARNING

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.
- (2) This device must accept any interference that may be received, including interference that may cause undesired operation.

Caution: any changes or modifications to this device not explicitly approved by manufacturer could void the user's authority to operate this equipment.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.