

2GIG® Vario LCD Keypad

Installation & User Guide

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Installing the 2GIG Vario LCD Keypad

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Main Panel Back Side

RED BLK YEL GRN
AUX COM BUS BUS

A

B

C

ID	1	2	3	4	ID	1	2	3	4
01	OFF	OFF	OFF	OFF	09	OFF	OFF	OFF	ON
02	ON	OFF	OFF	OFF	10	ON	OFF	OFF	ON
03	OFF	ON	OFF	OFF	11	OFF	ON	OFF	ON
04	ON	ON	OFF	OFF	12	ON	ON	OFF	ON
05	OFF	OFF	ON	OFF	13	OFF	OFF	ON	ON
06	ON	OFF	ON	OFF	14	ON	OFF	ON	ON
07	OFF	ON	ON	OFF	15	OFF	ON	ON	ON
08	ON	ON	ON	OFF	16	ON	ON	ON	ON

A

 12VDC

B

 2GIG Vario System BUS

C

 BUS Address

5

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Introduction

The user-friendly 2GIG Vario LCD/LCD Proximity keypad enables simple operation and programming of the 2GIG Vario system.

The following instructions offer a brief overview of keypad operation. For detailed information on programming the system refer to the 2GIG Vario System Installation and User manuals.

Keypad Indicators

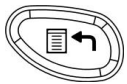
 Power	On	System is operating properly from AC power, its backup battery is in good condition, and there are no troubles in the system.
	Off	No power.
	Slow Flash	System is in programming mode.
	Rapid Flash	System trouble (fault).
 Ready	On	System is ready to be armed.
	Off	System is not ready to be armed.
	Slow Flash	System is ready to be armed (set) while exit/entry zone is open.
 Arm (Set)	On	System is armed in Full Arm or Stay Arm mode.
	Off	System is disarmed (unset).
	Slow Flash	System is in Exit Delay
	Rapid Flash	Alarm condition.
 Stay/Bypass (Part Set/Omit)	On	System is in Stay Arm or Zone Bypass (Omit) mode.
	Off	No bypass zones in system.
 Tamper	On	Zone/keypad/external module has been tampered.
	Off	All zones are operating normally.
 Fire	On	Fire alarm.
	Off	Normal operation.
	Flashing	Fire circuit problem.

LED (Red)

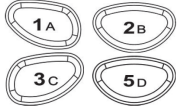
Arm/Alarm	Behaves in the same manner as the  indicator.
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Keys

Control Keys

	In Normal Operation mode: Used to Arm Away.
	In User Functions menu: Used to change data.
	In Normal Operation mode: Used to Arm Stay.
	In User Functions menu: Used to change data.
	In Normal Operation: Used to disarm (unset) the system after a user code is entered
	In User Functions menu: /OK is used to terminate commands and confirm data to be stored. The  key is equivalent to the  key on the 2GIG Vario Elegant Keypads (2GIG-VAR-KEYPROXWHT, 2GIG-VAR-KEYPROXBLK).
	Used to scroll up a list or to move the cursor to the left.  Provides the system status.
	Used to scroll down a list or to move the cursor to the right.
	In Normal Operation mode: Used to enter the User Functions menu.
	In User Functions menu: Used to move back one step in the menu. The  key is equivalent to the  icon on the 2GIG Vario system keypads.

Function Keys

	Pressing both keys simultaneously for at least two (2) seconds activates a Fire Alarm.
	Pressing both keys simultaneously for at least two (2) seconds activates an Emergency alarm.
	Pressing both keys simultaneously for at least two (2) seconds activates a Police (Panic) alarm.
	Used to arm (set) groups of zones (by default) or to activate a prerecorded series of commands (macros). To activate, press for two (2) seconds.

Numeric Keys

	Used to input numbers when required.
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Keypad Settings

NOTE: The following settings must be defined individually for each keypad connected to the system.

Use the following procedure to define keypad settings:

1. Press  for two (2) seconds until the Keypad Settings menu appears.
2. Select the relevant icon using the  and  keys. To select an option, press .

»  Brightness

»  Contrast

»  Keypad buzzer volume

»  Language

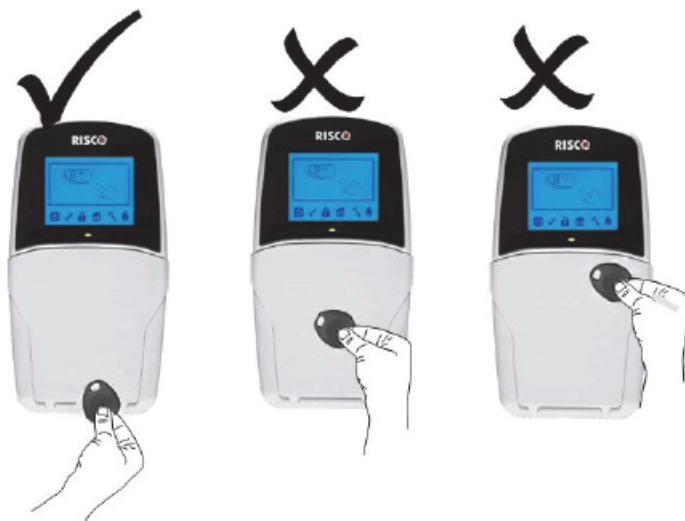
The 2GIG Vario system language option can always be accessed by simultaneously pressing  and .

»  Panel

3. Adjust settings with arrow keys. Press  to confirm adjusted settings.
4. Press  to save the adjusted settings.
5. Press  to exit the keypad settings menu.

Using the Proximity Tag

The proximity tag, used with the proximity LCD keypad (2GIG-VAR-LCDPROX) is correctly used by applying it within a 4 cm distance from the front of the keypad bottom, as shown below.



This feature is only available on certain keypads. Check with your security provider to see if your keypad supports this feature.

Automatic Upgrade Resulting from Panel Manual Upgrade

Upon initiation of the 2GIG Vario system panel remote upgrade (see the 2GIG Vario Installer Manual, Appendix I: Remote Software Upgrade), the LCD

keypad also may be automatically upgraded. During this approximately three-minute process, an upgrade icon () and the power icon () are displayed on the keypad and the LED light flashes. Do not disconnect during this period.

This feature is only available on certain keypads. Check with your security provider to see if your keypad supports this feature.

Technical Specifications

Current Consumption	
2GIG-VAR-LCD1	13.8V ± 10%, 48 mA typical/52 mA max.
2GIG-VAR-LCDPROX	13.8V ± 10%, 62 mA typical/130 mA max.
Main Panel Connection	4-wire BUS, up to 300 m (1000 ft) from main panel
Dimensions	153 x 84 x 28 mm (6.02 x 3.3 x 1.1 in)
Operating Temperature	–10 to 55°C (14°F to 131°F)
Storage Temperature	–20 to 60°C (–4°F to 140°F)
Prox. RF Frequency	13.56MHz

Ordering Information

2GIG-VAR-LCD1	2GIG Vario LCD Keypad
2GIG-VAR-LCDPROX	2GIG Vario Prox Keypad = 2 Keytags

Regulatory Information



FCC Notice

This device complies with Part 15 of the FCC's 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.

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 product complies with FCC radiation exposure limits for an uncontrolled environment. Avoid operating this product at a distance less than 20 cm from the user.

NOTE: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

Industry Canada (IC) Compliance

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.

Repairs to certified equipment should be made by an authorized Canadian maintenance facility designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user to disconnect the equipment.

Users should ensure for their own protection that the electrical ground connections of the power utility, telephone lines, and internal metallic water pipe system, if present, are connected together. This precaution may be particularly important in rural areas.

Limited Warranty

This Nortek Security & Control product is warranted against defects in material and workmanship of two (2) years. This warranty extends only to wholesale customers who buy direct from Nortek Security & Control LLC or through Nortek Security & Control LLC's normal distribution channels. Nortek Security & Control LLC does not warrant this product to consumers. Consumers should inquire from their selling dealer as to the nature of the dealer's warranty, if any.

There are no obligations or liabilities on the part of Nortek Security & Control LLC for consequential damages arising out of or in connection with use or performance of this product or other indirect damages with respect to loss of property, revenue, or profit, or cost of removal, installation, or reinstallation. All implied warranties for functionality, are valid only until the warranty expires. This Nortek Security & Control LLC Warranty all other warranties expressed or implied.

All products returned for warranty service require a Return Authorization Number (RA#). Contact Returns at 1-855-546-3351 for an RA# and other important details.

Inquiries

Direct all inquiries regarding this regulatory compliance statement to:

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