

Installation Instructions



Introduction

The 2GIG Vario Wireless Receiver is a flexible unit that can be used either as a wireless receiver when connected to the security panel or as a stand-alone receiver, with support for 2GIG sensors.

Main Features

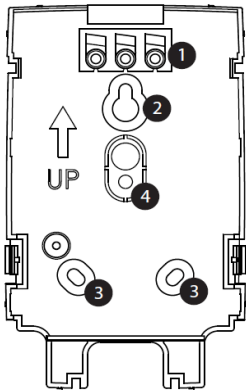
- » Up to 32 supervised wireless zones
- » Up to 16 multi-function keyfobs
- » Two utility outputs
- » Signal jamming detection
- » Threshold-level calibration
- » Tamper detection
- » Transmitter supervision low battery detection
- » Low battery detection
- » Nominal center frequency: 345 MHz

Mounting Considerations

- » Do not install the receiver close to metal objects and RF generating devices such as TV sets or computers.
- » Mount the receiver at a height of at least 1.5 m (5 ft) above the floor.

Wall Mounting

Figure 1. Rear Panel

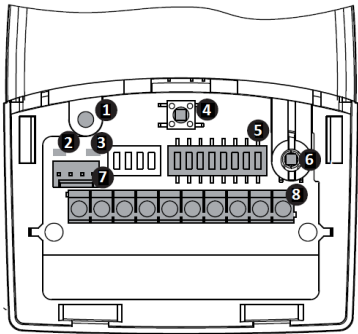


1. Screw cap
2. Upper mounting hole
3. Lower mounting holes (optional)
4. Wall tamper hole

1. Separate the mounting bracket from the main unit.
2. Use the mounting bracket as a marking template.
3. Tear off screw caps, as needed for covering front screw hole.
4. Mount the bracket to the wall.

Wiring the Receiver

Figure 2. Receiver Layout (Cover Off)



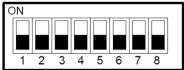
1. Optional screw hole (used to fasten front and back covers)
2. Red LED
3. Green LED
4. Prog button
5. DIP switch
6. Box tamper
7. BUS connector
8. Terminal block

Terminal (Left to Right)	Description
AUX Red	+13.8V power VDC (in BUS connection, connect to AUX on the control panel)
Com BLK	Black 0V common (in BUS connection, connect to COM on the control panel)
BUS YEL	Data BUS connection (Not for Stand Alone mode)
BUS GRN	Data BUS connection (Not for Stand Alone mode)
Relay 1 N.O	For Future Use
Relay 1 COM	
Relay 1 N.C.	
Relay 2 N.O.	For Future Use
Relay 2 COM	
Relay 2 N.C.	

NOTE: The maximum wire run permitted is 300 meters (1,000 ft) for the total BUS wiring regardless of the wiring gauge used. When closing the cover, use a screw cap loated on the rear side to cover the closing screw.

DIP Switch Settings

BUS Mode
(SWB in OFF position)



SW1–SW3	Three switches to set ID of the receiver
SW4–SW6	For Future Use
SW7	Utility Output Receiver Enable/Disable OFF: Disable ON: Enable
SW8	For Future Use

LED Indications

LED	Description/Condition
Power/BUS Communication (RED)	BUS communication between the panel and the receiver. » Steady: BUS communication OK » Flash: In Program mode or BUS communication trouble
Receiver Communication	Communication between a wireless sensor and the receiver. » Steady: BUS communication OK » Flash: BUS communication trouble

Programming Steps in the Panel

The following instructions outline the steps required to program the system to enable wireless expansion using the wireless receiver. For full programming instructions, refer to the *2GIG Vario System Installation & Programming Guide*.

1. Define the receiver ID using DIP switches 1–3. The receiver ID is set to 1 by default.
2. Allocate the receiver to the system (Programming Menu—Quick Keys: ⑦①② ①⑤).
3. Allocate the relay outputs of the receiver as an output receiver (UO02) to the system (Programming Menu—Quick Keys: ⑦①② ①③).
4. Calibrate the receiver (Programming Menu—Quick Keys: ⑦②①).
5. Allocate the wireless device (Programming Menu—Quick Keys: ⑦②②).
6. Perform a communication test between the receiver and the device (Main Menu > Maintenance > Wireless Test).
7. Set the receiver parameters (Zones—Quick Keys ②①, Keyfobs—⑧②) and the outputs parameters (Quick Key ③).

NOTE: Multiple receivers can be allocated to the panel.

2GIG

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Visit www.nortekcontrol.com or 2gig.com/dealers/

For technical support outside of the USA and Canada:

Contact your regional distributor

Visit www.nortekcontrol.com for a list of distributors in your region

FCC/IC Compliance:

This device complies with FCC Rules and Regulations as a Part 15 device, as well as Industry Canada Rules and Regulations. 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.

NOTE: Changes or modifications to the device may void FCC compliance.

* For more warranty and compliance information, visit www.nortekcontrol.com.

Limited Warranty

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