

Introduction

The Wireless Touch Screen (2GIG-SP1-GC3) is a wall-mounted, full-color, touch screen interface that provides all of the same easy-to-use keypad functions available on the Control Panel. It is designed for indoor use only and gives users the ability to arm and disarm the system, see the status of sensor zones, and control Smart Home devices.

IMPORTANT: This keypad does not support UL 985 installations

Box Contents

Verify that the package includes the following:

- » 1— SP1 Wireless Touch Screen
- » 1—AC Adapter
- » 4—Anchorless Screws

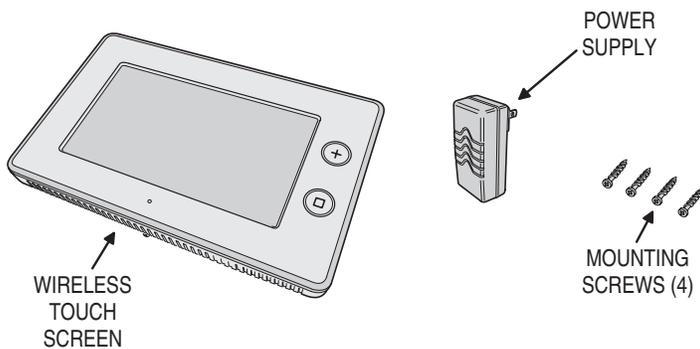


Figure 1 SP1 Wireless Touch Screen & Accessories

Minimum Requirements

For successful communications, the system must meet these minimum requirements:

- » The GC3 Control Panel must be running Version 3.1 or higher.

Recommended Tools

- » Drywall Saw (or equivalent)
- » Pencil
- » Screwdriver
- » Drill with 3/16" masonry bit (if mounting on masonry)

Wiring Note

In the United States, wiring routed inside walls, ceilings, and floors must be in compliance with the requirements for NFPA 70: National Electric Code and local building codes. To satisfy these requirements, it is recommended that if connecting to the power input terminals, the wiring from the AC Power Adapter output be rated CL2, CL2X, CL2R, or PLTC. When installing wiring in a plenum space (e.g., pathway used to facilitate air circulation for heating and air conditioning systems) the wire must be plenum-rated (CL2P).

Wall Mounting

♦ **Note:** As an alternative to wall mounting, the SP1 Touch Screen can also be set on a desktop using the 2GIG-CP-DESK Desktop Kit.

To prepare to mount the SP1 Touch Screen to the wall:

1. Remove the backplate from the SP1 Touch Screen.
2. Hold the backplate to the wall at the mounting location (align using the built-in level). Use the backplate to mark the four locations for the mounting screws on the wall. (The 4th screw secures the tamper post.)
3. If the power cable is going to be recessed in the wall, mark the location of the wire access slot and use a drywall saw to cut out the oval hole.
4. If the power cable is going to be run on the wall surface, route the power supply cable into the wire retaining trough on the rear of the backplate.
5. Attach the backplate to the wall with four screws. The anchorless screws do not require pre-drilling when used in wallboard. If mounting on concrete, grout-filled or hollow block, brick, or plaster, pre-drill with a 3/16" masonry bit.

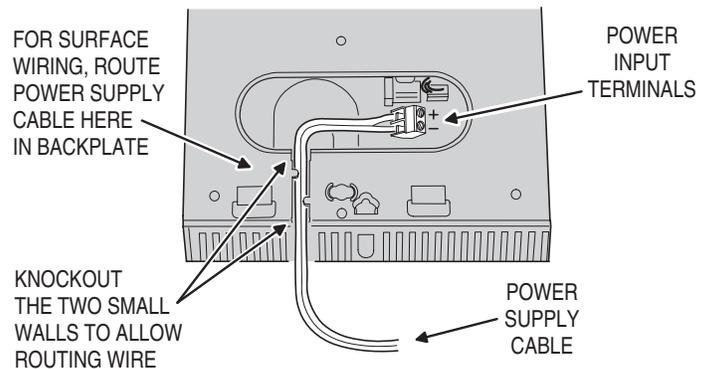


Figure 2 SP1 Touch Screen Surface Power Wire Routing

SP1 Touch Screen Power Connection

The power input terminals are accessed through the rear of the SP1 Touch Screen.

When wiring to the power input terminals, refer to this table:

Power Input Terminal Wiring Wire Gauge and Maximum Length		
American Wire Gauge	Maximum Length (feet)	Maximum Length (meters)
22 AWG	50	16.8
20 AWG	80	25.9
22 AWG 2-pairs (19 AWG equivalent)	110	33.5
18 AWG	125	41.1

1. For power wiring that's recessed in the wall, extend the cable out through the oval hole cut into the wall and out through the backplate.
2. Connect two wires from the power supply terminals to the power input **PWR+** and **PWR-** terminals on the rear of the SP1 Touch Screen.
 - ♦ **IMPORTANT!** Observe proper DC polarity when connecting to the power input terminals. To avoid reporting and display of AC Power Loss, voltage from the power supply must measure 14 VDC at the power input terminals.
3. Mount the SP1 Touch Screen on the backplate, secure with the screw.
4. Plug the power supply into an **un-switched** AC outlet.

Pair the SP1 Touch Screen

After mounting and powering the SP1 Touch Screen, it will need to be setup and paired with the GC3 Control Panel. The SP1 Touch Screen pairs through a network connection to the Control Panel. The network connection can be through Access Point capability directly to the GC3 Control Panel, or through a local wireless Wi-Fi network, or through a direct wired connection to the local network router (if the SP1 Touch Screen Ethernet module is installed).

NOTE: Up to four SP1 Touch Screens can be paired with a GC3 Control Panel

Follow these steps and refer to “Programming Sensors & Peripherals” in the 2GIG GC3 Security & Automation System Installation & Programming Guide:

1. Ensure power is applied to the SP1 Touch Screen.
2. The SP1 Touch Screen will display the a message on the top of the touchscreen “DEVICE CONNECTED/NOT CONNECTED BUT NOT PAIRED WITH A CONTROL PANEL”.
3. Connect your GC3 Panel to a Wireless Network or create an Access Point (Installer toolbox, Network Settings).
4. Connect your SP1 Touch Screen to the same wireless network or access point as the GC3.
5. At the GC3 Control Panel, navigate to the Installer Toolbox (See “Programming Sensors & Peripherals” in the 2GIG GC# Security & Automation System Installation & Programming Guide).
6. Select **System Configuration**, then **KEYPADS**.
7. Select a keypad and then select **Keypad Used**, changed to **Enabled**.
8. Select Equipment Code: **SP1 Touch Screen**.
9. Select **Pair**.
10. Go to SP1 Touch Screen and select **Pair**.
11. The SP1 will give you a confirmation code that the SP1 has been successfully paired.
12. Press the back arrow on the **SP1 Touch Screen**.
13. Exit programming on the GC3 and **SAVE** changes.

Specifications

Item	Description
Dimensions (L x H x D)	8.875" x 5.625" x 1.350" (22.54 x 14.29 x 3.43 cm)
Weight	1 lb. 11 oz. (0.76 kg)
Housing Material	ABS Plastic
Color	White
Operating Temperature	32° – 120° F (0° – 49° C)
Relative Humidity	5-95% Non-condensing
Operating Voltage	14 VDC
Certification	FCC, Industry Canada

FCC & IC Notice

This device complies with Part 15 of the FCC Rules and Industry Canada license exempt standard(s). 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 received that may cause undesired operation.

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.

WARNING:

Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

To satisfy FCC/IC RF exposure safety requirements, a separation distance of 20 cm or more should be maintained between this device and person's body (excluding extremities: hands, wrists, feet and ankles)

Limited Warranty

This Nortek Security & Control LLC product is warranted against defects in material and workmanship for one (1) year. **This warranty extends only to wholesale customers who buy direct from Nortek or through Nortek'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 re-installation. All implied warranties, including implied warranties for merchantability and implied warranties for fitness, are valid only until the warranty expires. This Nortek Security & Control LLC Warranty is in lieu of all other warranties express 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.

Support Services

Should you require support services for this system, contact 2GIG Technical Support at Nortek Security & Control.

For support in the USA and Canada, contact 2GIG Technical Support at Nortek Security & Control:

» **Telephone:** 855-2GIG-TECH

» **Email:** 2gigtechsupport@nortek.com

» **Dealer Site:** dealer.2gig.com

» **Websites:** www.nortekcontrol.com and www.2gig.com

For support outside of the USA or Canada, contact your regional 2GIG distributor. For a list of distributors in your region, visit the websites above.