

2GIG-TAKE-KIT1



Kit Features

- Includes the 2GIG Super Switch Takeover Module which uses patented technology for Wireless Takeover of an Alarm System (US Patent No. 8,638,218).
- Power supply board with a battery backup charging unit.
- Grounded plug-in transformer with LED indicator for power supervision.
- ABS plastic wall-mounted enclosure meets UL 94: V-0 flammability Standards.

2GIG HARDWIRE CONVERSION KIT

Leveraging 2GIG's Patented Wireless Takeover Technology

Are you looking to upgrade an existing wired security system to a wireless one? Whether you are replacing an older, wired security system or want to retrofit the pre-wired security sensors common to new construction, the 2GIG Hardwire Conversion Kit (2GIG-TAKE-KIT1) is the ideal solution and it's easy to install.

Leveraging 2GIG's patented wireless takeover technology, each kit includes one (1) Super Switch Takeover Module, which converts up to eight (8) wired sensors to 2GIG wireless zones. The kit also includes a power supply board with backup battery charging circuit, a grounded plug-in transformer, and an ABS plastic enclosure that includes a dedicated space for your backup battery (battery not included).

The enclosure will also accommodate up to two (2) additional Super Switch Takeover Modules, which increases your capacity to convert up to 24 wired sensors to wireless zones.

2GIG HARDWARE CONVERSION KIT SPECIFICATIONS & TECHNOLOGY

Requirements for Kit Operation

- 2GIG Go!Control Panel Wireless Security System
- 12V, 1.4 AH Rechargeable Sealed Lead Acid Battery (or better)

Kit Contents

- ABS Plastic Enclosure (UL 94: V-0)
- 2GIG Super Switch Takeover Module
- 12/24 VDC Power Supply Board
- 16.5 VAC 50 VA Grounded Plug-in Transformer
- Mounting Hardware

Add-On Components and Options

- Backup battery (required). One (1) 12 V, 1.4 AH rechargeable sealed lead acid battery (or better) is required. Recommended Linear Battery: order # 100104
- 2GIG-TAKE-345: Super Switch Takeover Module (Optional). Add up to two (2) additional modules in the enclosure.
- Linear H208 Lock Kit (Optional). Recommended for locking the plastic wall-mount enclosure with a key for additional security.

SYSTEM SPECIFICATIONS

Enclosure

Material and Certification	ABS Plastic UL 94: V-0
Dimensions	11.5 x 12.5 x 4 in (29.2 x 31.8 x 10.2 cm)

Super Switch Takeover Module: Wireless Takeover of an Alarm System. US Patent No. 8,638,218

Wireless Signal Range	350 ft, open air, with wireless control panel
Code Outputs	For each of the eight (8) serial zones: Alarm; Restore; Fault; Low Battery
Transmitter Frequency	345.00 MHz (crystal controlled)
Unique ID	Over one (1) million different code combinations
Supervisory Interval	70 minutes
Sensor Dimensions	(LxWxH) 3.54 x 2.56 x 1.13 in. (9.0 x 6.5 x 2.9 cm)
Weight (including bracket)	2.85 oz. (80.8 g)
Housing Material	ABS Plastic
Color	White
Operating Temperature Limits	32° to 120° F (0° to 49° C)
Relative Humidity	5-95% Non-Condensing
Operating Voltage	9-16 VDC, 50 mA
Certification	ETL, FCC, and Industry Canada

Power Supply Board

Input	16.5 VAC, 20 VA
Output	12/24 VDC
Battery Backup	Built-in charger for sealed lead or gel type batteries, automatic switch over to stand-by when AC fails
Visual Indicators	AC input and DC output LED indicators

Grounded Plug-in Transformer

Primary	120 VAC 60Hz
Secondary	16.5 VAC 50 VA
LED Indicator	Supervises power
Primary Termination	2 male blades and grounding pin
Secondary Termination	3 #6-32 screw terminals with washers for secure contact
Dimensions	(W x D x H) 2.88 x 2.25 x 3.88 in (7.3 x 5.7 x 9.9 cm)
Weight	1.5 lbs
Color	White

Surge Protection:

3 Mode Protection	Line, Neutral, and Ground
Clamping Voltage	340 volts
Maximum Spike Current	4500 amps
Energy Dissipation	60 joules
Maximum Spike Voltage	6000 volts
Clamping Response Time	25 nanoseconds
Certification	UL & ULC Listed

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