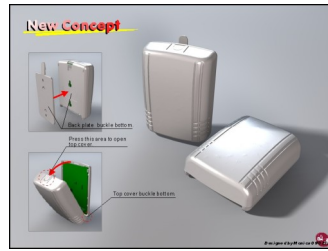


TAKE319 Super Switch

Operating Instructions

The TAKE319 Super Switch is 2GIG's wireless take over module. This unit was designed to convert 8 hardwired zones into eight wireless zones, make installation simple, and work with existing 12-volt control panels. The module is to be mounted next to the existing control box where the hardwired zones are connected. All of the zones on the Super Switch act as supervised wireless zones.

Note: if the control panel has been removed then a 12-volt power supply with battery backup is required (not supplied).



This image is a placeholder

Mounting

A mounting bracket has been enclosed to screw the mounting bracket to a wall and attach the Super Switch. To release the bracket, pull up on the tab and slide the bracket down. Mount the bracket with 2 screws (not included). The Super Switch must be mounted in RF range of the control panel being installed.

Note: Signals will not be received if the Super Switch is not within range of the control panel.

Wiring

Follow the wiring diagram provided.

- Remove AC power from existing wired panel.
- Remove leads from battery on existing wired panel.
- With power removed, wire the zones to the Super Switch. Terminals 3-10 are marked as Zones 1-8 on the Super Switch (see diagram) and are where the zones are connected. For example, to wire zone 1 on the Super Switch take the positive or HI side of the zone off the existing panel and place it in terminal 3/Zone 1 on the Super Switch. Leave the negative side or the LO side of the zone wired to the existing panel.
- Repeat this procedure for all zones to be connected to the Super Switch.

Powering the Super Switch and other devices.

- The Super Switch comes with two wires attached Red (+) and Black (-). Connect the red wire to the red terminal and the black wire to the black terminal on the existing control panel's battery.
- Connect the wires from the existing panel for the battery into the spades lugs on top of the wires from Super Switch now connected to the battery.
- Wire the existing panels AUX power out to terminal 2 on the Super Switch (marked as 12V). If you are using the Super Switch with PIRs, glass breaks, or other devices that need power, then they need to stay wired to AUX power on the existing control panel. **NOTE: Remove all other devices wired to AUX power on the existing control such as keypads or any other devices.**

Important:

- All the zones on the Super Switch are "Normally Closed" zones.
- The maximum loop resistance can't not exceed 3K ohms (If the loop resistance exceeds 3K ohms and the existing panel used end of line resistance, then the end of line resistor may be removed).
- Different control panels have different terminals for each zone and aux power. Please refer to wiring diagram that came with the existing panel. For example, the HI side of Zone 1—Zone 8 on a Vista panel is typically terminals 8,11,12,14,15,17,18, and 20. AUX positive is typically terminal 5 on a Vista panel.

NOTE: THE SUPER SWITCH CANNOT BE USED TO MONITOR ANY TYPE OF FIRE OR CO DETECTION ZONE.

Monitoring the Battery

The Super Switch will operate on the connected battery if there is an AC failure, unless the battery is not capable of supplying enough power. The Super Switch will monitor the battery to make sure it is operational. When the Super Switch detects a battery voltage below normal level for a period of time, the Super Switch will report a low battery for each zone.

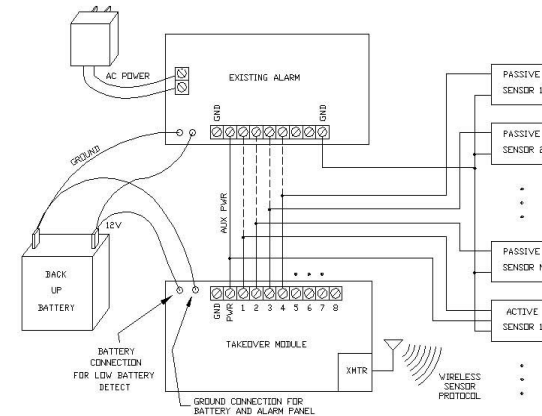
Programming

See control panel instructions for learning in sensors. Make sure the control panel is in learn mode and follow steps below.

- The Super Switch has a button attached to the board (see diagram). When this button is pushed, a red LED will light up for approximately 8 seconds, indicating that the Super Switch is in learn mode.
- Once the Super Switch is in learn mode, open and close the zone being learned in.

NOTE: The best way to do this is by pushing the button. After the LED lights up, remove the wire for the zone being learned in and then place the wire back into the terminal on the Super Switch (When using this method, all doors and motions connected to this loop must be closed prior removing and inserting the wire). Repeat for each zone as necessary. Once all the zones are learned in, the Super Switch will be operational.

Wiring Diagram



Specifications

- 32° to 120°F (0°-49°C)
- 5-93% RH
- 12Volts

FCC COMPLIANCE STATEMENT

This device complies with part 15 of the FCC rules. Operation is subject to the following conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC ID:
Industry Canada ID:



