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Client: Spot Devices
Model: SC320027
Standards: FCC 15.247/IC RSS-210
ID's: YDQ-SC320027/9567A-SC320027
Report #: 2010201

Appendix L: Manual

Please refer to the following pages.

Solar Panel Inputs

These terminals connect solar panel positive and negative outputs to the battery charger. When the solar panel is properly attached and exposed to direct or diffuse sunlight, the green Battery Charge Indicator LED is on.

Some SC315 Controllers require two solar panels. If this is the case, Spot Devices provides a small splitter PCA that allows two panels to be plugged into the single set of inputs.

ATTENTION

Solar panels should always be pointed due south.

System Fuses

The SC315 PCA is equipped with seven 1/4" x 1 1/4" type AGC glass fuses. Fuse types are as follows:

Fuse	Rating
Battery	15A fast-blow
Solar Panel	10A fast-blow
Channels 4 through 7	10A fast-blow
iBus 0 & 1	15A fast-blow

ATTENTION

A blown fuse may be an indication of an electrical short or other problem in the system. If a fuse fails more than once, look for shorts in the associated peripheral device. If necessary, please contact Spot Devices or your local distributor for troubleshooting assistance.

3.3 Optional Wireless Activation

Some SC315 Controllers are equipped with a wireless activation option that can transmit an activation signal to other controllers within 500 feet.

The wireless activation equipment consists of a 2" square PCA that is mounted at the top of the SC315 PCA and a small antenna protruding from the top of the SC315 Controller enclosure. The specified range for the device is 500 feet.

There are 10 frequency channels that can be selected from via a small rotary dial mounted on the 2" square PCA. This dial is called out in Figures 3-D and 3-E. All of the controllers within a system should be set to the **same frequency**.

If multiple systems are located within 2500' of one another, there is a possibility that they may activate one another. Make sure that each such system is set to a **different frequency**. This situation is illustrated in Figure 3-F.

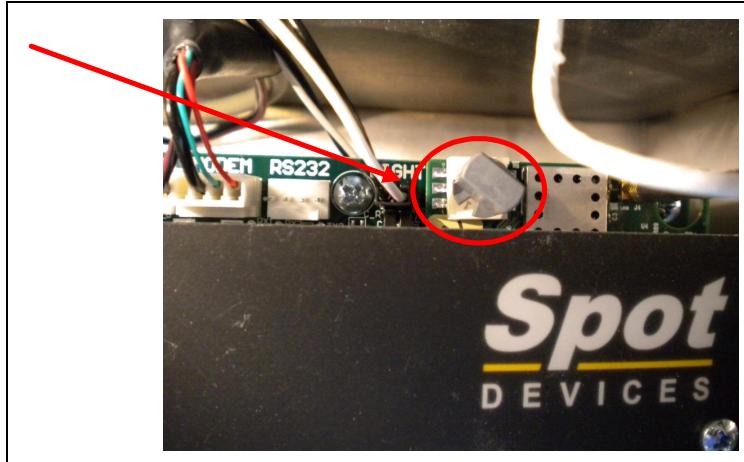


Figure 3-E: Frequency Selector Dial Set to Channel 1

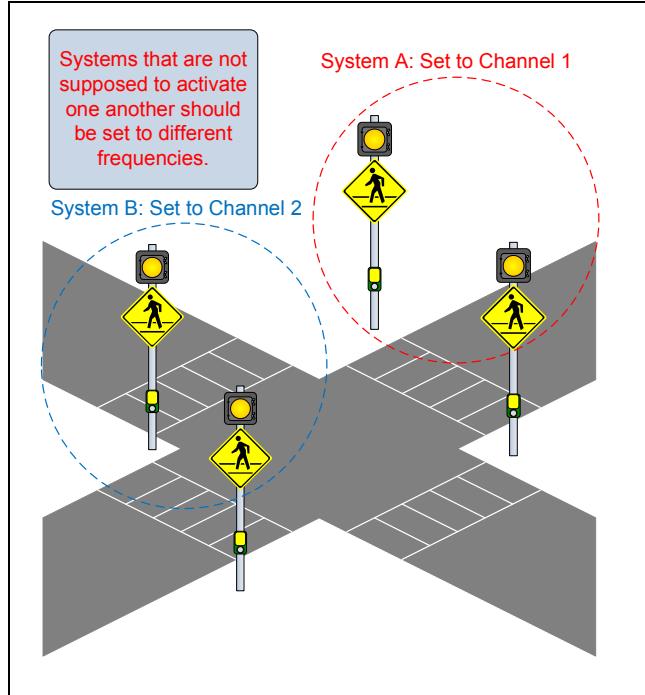


Figure 3-F: Setting Frequency Channels

SC315 Controllers equipped with the wireless activation option connect differently to pushbuttons. In such systems, pushbuttons are not plugged into the activation inputs, but rather are plugged into the wireless PCA via a short cable with shielded quick-connects, as shown in Figure 3-G.

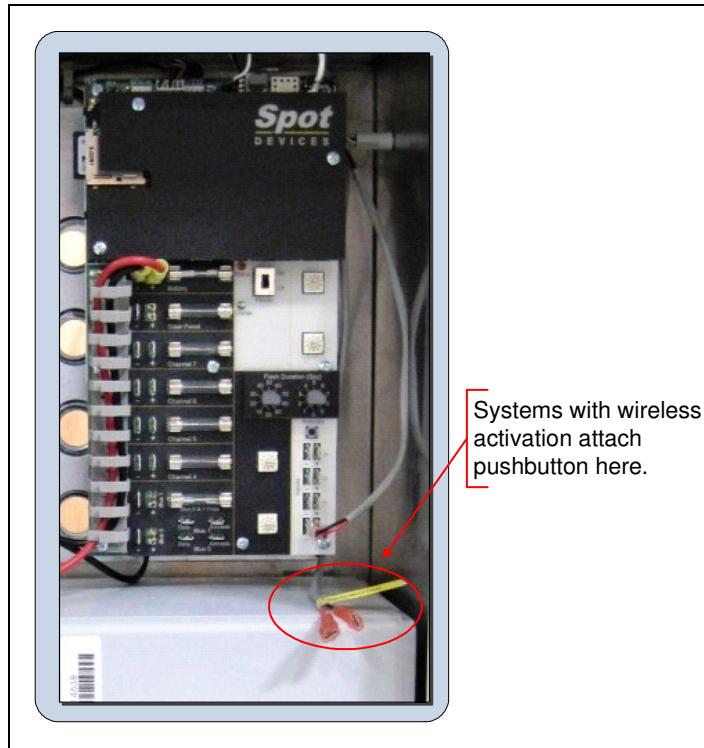


Figure 3-G: Pushbutton Attachment for Wireless Activation

Regulatory Statements:

Changes or modifications to the device that are not approved by the manufacturer could void the user's authority to operate the device.

This device complies with Part 15 of the FCC Rules and 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.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radioexempts 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.