SPECTRA
GEOSPATIAL®

SP100 GNSS RECEIVER

Battery door

Lemo port

Front panel

TNC radio antenna connection

ACTIVATE WARRANTIES, INSTALL OPTIONS, INSTALL RADIO FREQUENCIES, AND UPDATE FIRMWARE

1. Install Spectra Geospatial Installation Manager. Go to http://www.spectrageospatial.com/SP100.

2. Connect the receiver to your computer using the lemo to USB accessory cable (P/N 80751).

3. Start Spectra Geospatial Installation Manager.

4. Select the **Receiver** tab and click **Connect**.

CHARGE THE BATTERY

Charge the battery (P/N 192670) in the dual slot battery charger (P/N 109000).

INSERT THE BATTERY

1. Open the receiver battery door by pressing down on the battery door latch and allowing the door to swing open.
2. Slide the battery into the battery tray with the metal contacts facing up and to the rear of the battery compartment.
3. Close and secure the battery door.

CONNECT THE RADIO ANTENNA

Connect the radio antenna to the TNC connector on the underside of the receiver. Do not overtighten.

Part number displayed on device label	Internal radio	Radio antenna part number
128100-00	No Radio	66540-10
128100-40	450 MHz	44085-60
128100-50	450 MHz & 900 MHz	123588

NOTE — The no-radio version of the receiver requires an antenna (P/N 66540-10) for proper Wi-Fi and Bluetooth® radio operation.

POWER ON/OFF AND LED DESCRIPTIONS

Power on the receiver by pressing and releasing the power button on the front panel.

Power off the receiver by pressing and holding the power button until the Satellite LED turns off, approximately 2 seconds.

Satellite LED	Radio LED	Power button
Wi-Fi LED	Battery LED	

See the online help guide for LED blink pattern definitions.

USING THE WEB INTERFACE

1. Power on the receiver and wait for the Wi-Fi LED to start flashing.

2. Search for available Wi-Fi networks on your smartphone or computer. Select **Spectra GNSS xxxx** (xxxx represents the last four digits of the receiver's serial number).

   The default network password is: **abcdeabcde**

3. On your smartphone or computer:

   a. Open a web browser and enter the IP address: **http://192.168.142.1**

   b. Log into the web interface. The default login details are:

   User name: **admin**
   Password: **password**

4. The first time you connect to the web interface, you are prompted to change the default login credentials.

Alternatively you can access the receiver's web interface using the lemo to USB accessory cable (P/N 80751), and IP address **http://192.168.144.1**.

www.spectrageospatial.com