
Carlson SS900 Charging Instructions

Power

The SS900 has two built-in Rechargeable Nickel Metal Hydride (NiMH) battery packs that can provide up to 12 hours of operating time on a Full Charge.

NOTE: Because the internal battery charger senses several conditions, including temperature, you should charge the unit away from any known or potential heat sources. Units exposed to temperatures in excess of 110 degrees Fahrenheit during the charging cycle may experience incomplete charging and reduced operating time per charge.

Charging the Batteries

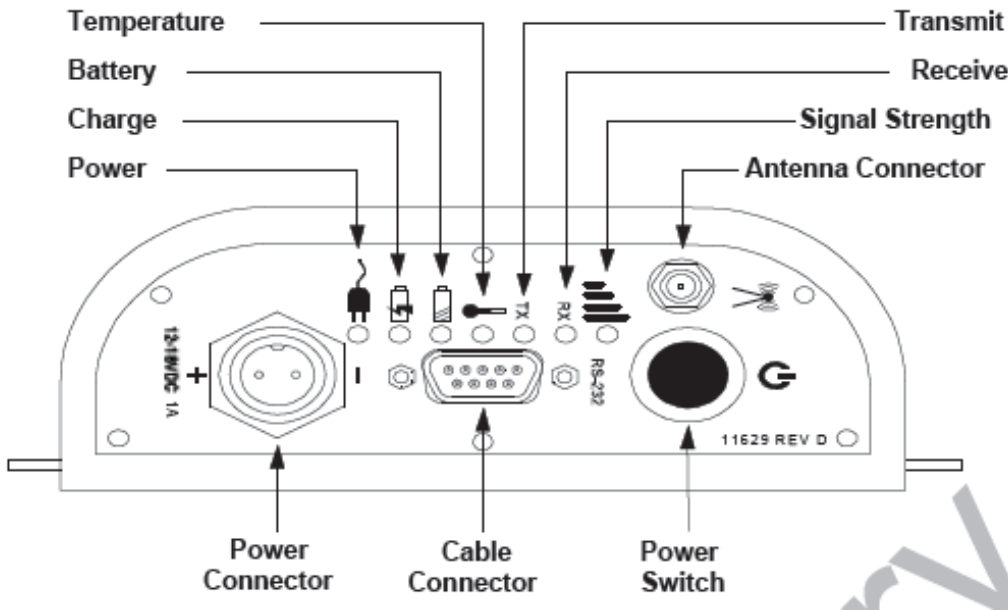
To maximize battery power you should charge the batteries for eight hours prior to use.

To charge the batteries in the SS900 Base Radio:

1. Connect the power cord to the power supply. Plug the two-pin power supply connector into the two-pin receptacle on the front of the base. Plug the power supply into a power outlet.
2. Press the red power button. The Power, Charging and Battery LED should light indicating that the base has power, batteries installed and that the batteries are charging.

RF COMMUNICATIONS AND DATA RATE

Data rates, usually dictated by the system, determine how much data must be transferred and how often does the transfer need to take place. Lower data rates, allow the JETT•wave pack or base to have better receive sensitivity and thus more range. A JETT•wave pack or base set to 9600 baud has 3dB more sensitivity than a JETT•wave pack or base set to 19200 baud. This means about 30% more distance in line-of-sight conditions. Higher data rates allow the communication to take place in less time, potentially using less power to transmit.



LED	Status	Indication	Action
Power	Lit	Device has Line Power	
	Unlit	Device has no line power	
Charging	Lit	Device is Charging Batteries	
	Unlit	Device is not charging batteries	
Battery	Lit	Batteries Present	
	Unlit	Batteries not Present	Insert Batteries
	Blinking	Batteries need Charging	Apply line Power
Temperature	Lit	Operating outside of Temperature Range	Cool down Base
	Unlit	Operating in Temperature Range	
Transmit	Unlit	Device not transmitting RF Data	
	Blinking	Device transmitting RF Data	
Receive	Unlit	Device not receiving RF Data	
	Blinking	Device receiving RF Data	
Signal Strength	Unlit	Signal Strength is weak	
	Flicker	Brightness increases with signal strength	