

January 13, 2009

RE: PowerLinc™ Serial Dual Band #2413S
FCC ID: SBP2413S IC #5202A-2413S

The PowerLinc Serial Dual Band #2413S is a computer interface that connects between the RS-232 port of a computer or RS-232-equipped device and a 120-volt AC power outlet. It provides an interface for a computer or RS-232-equipped device to send data and commands to compatible receivers. The device will then interpret the data and transmit INSTEON™ power line and RF wireless signals to compatible receivers.

Like similar model, Access Point #2443 (FCC ID: SBP2443A IC #5202A-2443A), it will convert or bridge INSTEON signals between the 915MHz RF wireless spectrum and AC power lines. This function occurs in the background with no notification to the host computer or controller.

When used with other INSTEON devices that have both AC power line and RF bridging abilities, it will transfer AC power line signals originating from a transmitter on one phase of a home's electrical supply to find a path onto the opposite phase where a receiver might be located.

The unit is fully operational when plugged into a standard 120-volt AC outlet. The LED indicator on the side will blink when power line or RF INSTEON signals are detected. The SET button is provided to help the installer place pairs of the product on different electrical phases and within range of each other. It also helps in setting up control of INSTEON receivers.

There are no user adjustable settings either externally or via serial commands that will affect the units bridging behavior.