

# Operation Principle

The EPoX Bluetooth Printer Adapter designed with a transmitting method of Frequency Hopping spread spectrum is for local area network operation, which operates at 2.4GHz ISM band and data rate up to 11Mbps. The rated output power is -1.0dBm.

The channel is represented by a pseudo-random hopping sequence through the 79 channels. The channel is divided into time slots, with a nominal slot length where each slot corresponds to different RF hop frequencies. The nominal hop rate is 1600 hops/s.

This device provides wireless technology . It' s the solution for the seamless integration of Bluetooth technology into printer enabling short range wireless connections between computer and printer.