

The M2000/3000 is a Bluetooth™ Class 2 (2.5mW maximum) device, which receives and transmits in the frequency range of 2.402-2.480GHz and is a spread spectrum (frequency hopping) device that utilizes 79 channels each 1MHz wide.

The product communicates with other Bluetooth™ products using a Time division duplex scheme that alternates transmission and receive functions, and uses the same 0dBi omni directional antenna to receive and transmit.

The headset can communicate with other Bluetooth™ products that support the Headset or Hands Free Profile. See the user guide for basic operation.

The Bluetooth™ microprocessor also controls the battery charging of the NiMH rechargeable batteries. Battery charging is accomplished using a wall adapter to provide 5 VDC to the headset, which uses a linear current source to regulate current and charge the batteries.