

Smart. Powerful. Secure. Safe.

Smart.

The GN 9120 utilizes GN Netcom's unique Smart Power Management. This technology enables the headset to continually assess how far it is from the base and to adjust the power output accordingly. Laboratory testing has confirmed that, through Smart Power Management, the GN 9120 delivers unprecedented range and talk time. While range is impacted by office environments, the GN 9120 consistently delivers greater range than competitive products.

Powerful.

The GN 9120 is robust. It has 18% more available channels than a 900 MHz solution, and its Frequency Hopping Spread Spectrum technology reduces interference by searching for a clear channel 90 times per second. Channel switching is automatic and invisible to the user.

The result is the ability to place a greater number of units in a smaller area.

In addition, the GN 9120 is WiFi friendly; by utilizing 95 unique channels across the entire 2.4 GHz spectrum and with its Frequency Hopping, the GN 9120 can operate in a WiFi environment without obstruction to the network.

Secure.

With the GN 9120, the potential for eavesdropping is eliminated through a multi-tiered security system. Digital Spread Spectrum (DSS) Frequency Hopping protocol, originally developed for secure military communications, provides a comprehensive level of security.

Additionally, the GN 9120 uses 64-bit encryption to scramble your voice when it's traveling between the headset and base station.

As a third layer of defense, the Smart Power Management system controls signal range. For instance, if you're 15 feet away from the base, that is as far as the signal is broadcast.

Safe.

When you compare the output power from the GN 9120 with the output power of a standard cellular mobile telephone, you will find that the output power of the GN 9120 is one thirtieth that of a mobile phone.

The electromagnetic energy from the GN 9120 fulfills requirements of FCC 2.1091 & Supplement C to OET Bulletin 65, which outlines requirements of maximum recommended electromagnetic fields, in terms of Specific Absorption Rate (SAR). Averaged over 1 gram, the energy from GN 9120 is more than 15 times lower than the max recommended 1.6 W/kg Specific Absorption Rate of the quoted FCC standard.

Technically
in a **Class**
by itself

