

Technical Bulletin 02-08



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Software Versions: All

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Hardware Revision: All

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Revision: A

Title: Minimizing Interference with RN+ Monitoring Systems

Description: The RN+ Monitoring System is a wireless system used primarily in hospitals to monitor and detect patient movement and alert nurses to possible unassisted exits.

Problem: The RN+ system utilizes the same 902-928 MHz bandwidth as the Link WTS system. It also uses Frequency Hopping Spread Spectrum technology over that entire bandwidth. When these two systems are collocated in the same area there is a possibility of interference between the two systems.

Resolution: Testing has shown that by selecting the SpectraLink system to operate on Frequency Hopping option #3 (902-909 and 921-928) will minimize the interference effects. Additionally by separating the RN+ receivers from the SpectraLink Base Stations will also reduce the amount of interference.

Additional Notes:

Additional information regarding the RN+ Monitoring system can be found at: <http://www.restraintfree.com/directory.html>.

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