

Exhibit 10 – Product Specification

Spectrum Management 9kHz Transmitter

Power Supply :

230 / 115 VAC $\pm$ 20%, 50/60 Hz, 1.2VA
12V DC, 1W / 7...18V, 50mA max
Buffer battery NiCd 8.4V, 110mAh
For approx. 2 hours (6LR61)

Transmitter Signal :

65mA/m @ 14V supply (dist. 3m)

Modulation : F1D (frequency shift keying)
Space frequency : 8949 Hz
Mark frequency : 9131 Hz

Code : Bit length : 3.5 ms
Bit rate : 282 bps

Trigger Code (Start code) : 14 bit
Wraps around 7 codes / sec.
Reset code : 3 bit
Wraps around 21 codes / sec.

Transmitted frequencies :

Fundamental (8949 / 9131 Hz)
35,5 dB over 1mA/m @ distance = 1m

1st Harmonic	-3,6 dB
2nd Harmonic	-12,7 dB
3rd Harmonic	-19,7 dB
4th Harmonic	-27,1 dB