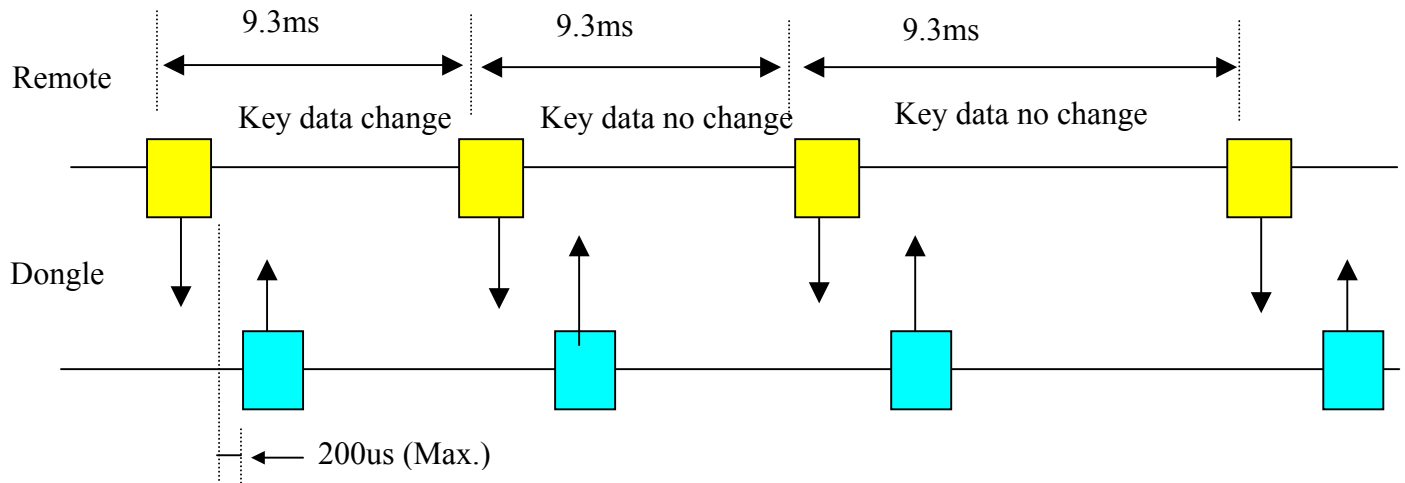


Nordic Wireless PS2 Bike Game-Pad Data Transfer Description :

2004/12/17

Normal Transfer:



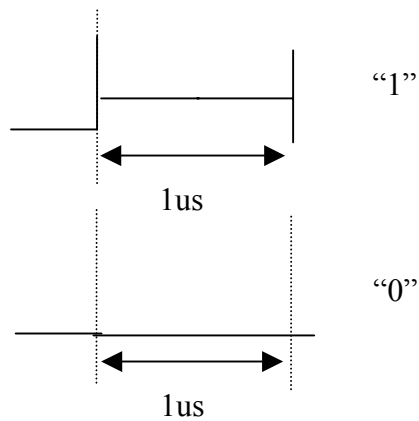
Yellow: Key Data.

1byte Preamble+5 bytes Address+19 bytes Payload+1 bytes CRC: 0.8ms

Blue: Motor Data.

1byte Preamble+5 bytes Address+3bytes Payload+1 bytes CRC: 0.32ms

Bit format: RZ code.



Calculation of Average Factor

For dongle, duty cycle = $0.32 / 9.3 = 0.035$

$$\text{Average factor} = 20 \times \log_{10}(0.035) = -29.1 \text{ dB}$$