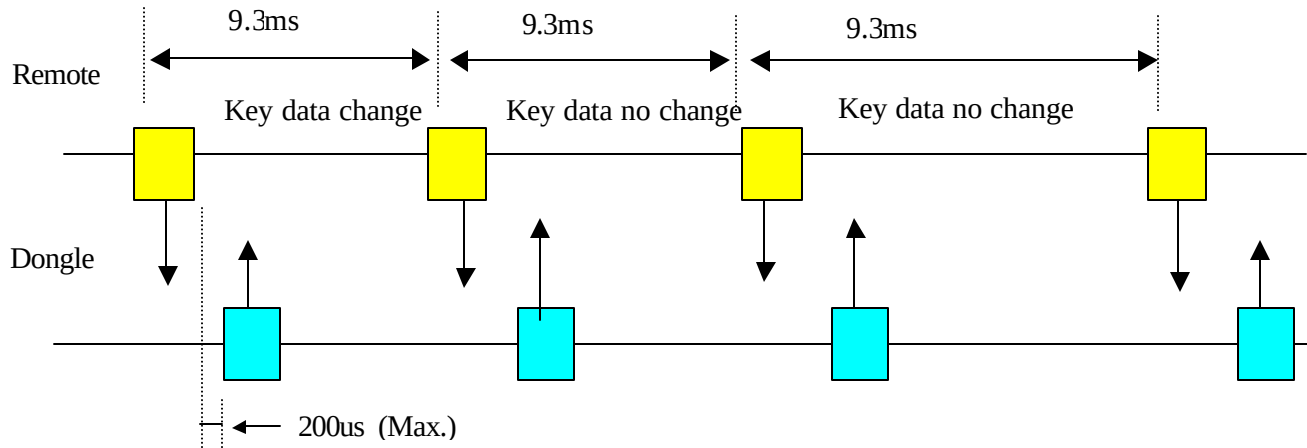


Nordic Wireless PS2 Bike Game-Pad Data Transfer Description :

2004/12/17

Normal Transfer:



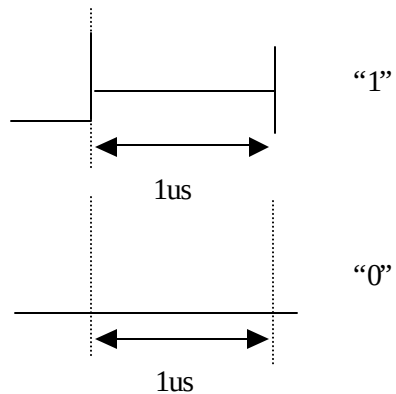
Yellow: Key Data.

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 remote, duty cycle = $0.8 / 9.3 = 0.086$

$$\text{Average factor} = 20 \times \log_{10}(0.086) = -21.3 \text{ dB}$$