

MS-025OR Product Description

Purpose: MS-025OR is a wireless optical mouse, identical to current mice, adds the convenience of being free of cable. The system uses the 27 MHz ISM band. The transmitter realize a low power mode for batteries saving.

System : this wireless optical mouse MS-025OR works with the MS-019RX or all compatible receiver.

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| Microprocessor : | EM78P257M |
| Radio transmission: | no directional, from mouse to computer only. |
| Number of channels: | 2 |
| channel select method : | slide switch. |
| Carrier frequencies: | 27.045MHz / 27.145MHz. |
| Modulation: | FSK |
| Transmission range : | over 1.5m typical, free space. |
| Power consumption : | - 8dBm typical when in movement. |
| Effective radiated power : | -45dBm typical. |
| Antenna : | inductive loop antenna, integrated on printed circuit board. |
| Battery : | alkaline , 2 x AA |
| power shut off voltage: | 2..04v \pm 5%. |
| Data rate: | 5800 bit/s. |
| Operating voltage: | 2.1~3.3 Vdc. |
| Current consumption (operation): | 28mA. |
| (stand-by): | 18mA. |
| (sleep1): | 1mA. |
| (sleep2): | 150uA |
| resolution : | 800 DPI . |
| micro switch: | chock-per : 1,000,000 cycles. |
| number of button/wheel : | 3 button , 1 wheel. |
| running life: | 3 years |
| operation force in any direction : | Max: 100gf. |

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