

RFT009: Product Description

Purpose: RFT009 is a wireless 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 mouse (RFT009) works with the RFRX-5 or all compatible receiver.

Microprocessor :	RFT170E4
Radio transmission:	mono 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 AAA.
power shut off voltage:	1.6v $\pm$ 5%.
Data rate:	5800 bit/s.
Operating voltage:	1.8~3.3 Vdc.
Current consumption (operation):	10mA.
(stand-by):	2.0mA.
(sleep):	100uA.
resolution :	520 DPI .
micro switch:	chock-per : 1,000,000 cycles.
number of button/wheel :	3 button , 1 wheel.
running life:	500 Miles.
operation force in any direction	Max: 100gf.
tracking speed:	876mm/sec.

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