

# 1500153RF: Product Description

**Purpose:** 1500153OR is a wireless crystal 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 (1500153OR) works with the 1500153 RX or all compatible receiver.

## Feature

Microprocessor :	MA60H223
Radio transmission:	no directional, from mouse to computer only.
Number of channels:	1
Carrier frequencies:	27.045MHz
Modulation:	FSK
Transmission range :	over 1.5m typical, free space.
Effective radiated power :	-30dBm typical.
Antenna :	inductive loop antenna, integrated on printed circuit board.
Battery :	Ni-MH 2 x AAA
power shut off voltage:	2.05v $\pm$ 5%.
Data rate:	5800 bit/s.
Operating voltage:	2.1~3.3 Vdc.
Current consumption (operation):	32mA.(This is the average on the white paper test)
(stand-by):	8mA.
(sleep1):	5mA.
(sleep2):	0.5mA
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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