



M-RCJ134: Specifications

Radio transmission: Mono-directional, from the mouse to the receiver.

Number of channels: 24 channels but only one at one and the same time

Carrier frequencies:

Index	RF channel	Index	RF channel	Index	RF channel	Index	RF channel
1	2402MHz	7	2425MHz	13	2452MHz	19	2474MHz
2	2420MHz	8	2426MHz	14	2453MHz	20	2475MHz
3	2421MHz	9	2448MHz	15	2454MHz	21	2476MHz
4	2422MHz	10	2449MHz	16	2471MHz	22	2477MHz
5	2423MHz	11	2450MHz	17	2472MHz	23	2478MHz
6	2424MHz	12	2451MHz	18	2473MHz	24	2479MHz

Modulation: GFSK

Data Rate: 1 Mbits/s

Transmission range: 20 m typical, free space.

Power Consumption: 100 mW typical when active. This depends on the battery voltage, the number of lighted LEDs and the quality of the RF link mainly. Note that there is a LDO for the electronics, thus part of the power is just dissipated in the regulation.

Maximum radiated power: 0.00016 W

Antenna: PCB printed antenna quarter-wave

Antenna gain: 3 dBi